Moussaif AGI-KBI Visual HyperKnowledge OS

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Moussaif AGI-KBI Visual HyperKnowledge OS v1

Visual, Image Generation, Video Generation, Motion Graphics, UGC, Audio-Visual Production, and HyperPrompt Engineering Loops

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Document type: AGI-oriented HyperKnowledge Base / cognitive operating system
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Status: theoretical synthesis + operational creative engineering manual + 600-page expansion blueprint

Primary use: ads, commercial visuals, editorial video, motion graphics, image generation, video generation, UGC, brand systems, and prompt-loop engineering.

> This is not a passive article. It is a production OS: a reasoning substrate, retrieval map, model-routing system, prompt compiler, creative court, and agentic production architecture.

Epistemic Safety Declaration

Material directly used here includes current public documentation and public sources about image/video/audio tools, plus the user's Moussaif AGI-KBI theoretical operating prompt. The Moussaif framework, MCD/QMCD/MCAI, and many named tools inside this document are **theoretical synthesis** unless explicitly tied to a public product or source. Model availability, pricing, API access, licensing, and commercial terms change quickly and must be checked before deployment. No claim in this OS should be treated as legal advice, copyright clearance, or proof of scientific novelty.

Epistemic ranks used: established, strongly supported, plausible, contested, theoretical synthesis, hypothesis, speculative, metaphor, unknown, needs verification.

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0. Executive OS Abstract

The target domain is not "AI image prompting" and not "video generation." It is a **commercial visual intelligence system**: a network where concept, brand, copy, color, model choice, motion, sound, social proof, editing, and distribution interact. A weak creator writes prompts. A strong AGI-KBI visual operator builds a closed loop: brief → active difference → concept kernel → model route → prompt stack → generated asset → destruction court → edit finish → performance memory → next generation.

The central theory of this OS is **Visual Difference Carrier Theory**: a commercial visual works when an unusual but readable carrier transfers the offer's meaning faster than normal explanation. In flat/pop/patchwork design, the carrier may be a strange object, impossible scene, symbolic collision, surreal scale, typographic rupture, color inversion, or everyday UGC moment. The image is not decoration; it is a compressed argument.

The second theory is **Chromatic-Textual Governance**: color and text must not be two layers. Color must determine attention order, emotional temperature, hierarchy, category memory, and conversion pressure; text must be placed where the eye naturally resolves the image's central tension.

The third theory is **Prompt Injection Governance** in the safe creative sense: constraints, references, micro-prompts, negative rules, edit instructions, and evaluation criteria are injected into the generation loop to control output. This is not malicious prompt injection and must never be used to bypass safety, consent, platform rules, or copyrighted restrictions.

The system routes tasks across 60 model/tool families: high-aesthetic image models, commercially safer brand models, local/open models, video generation models, coding-based video renderers, motion graphics tools, avatar/UGC systems, voice/music/SFX systems, and finishing tools.

1. Domain Constitution

1.1 Purpose

Make visual generation operable at agency level: not isolated prompts, but a repeatable OS for commercial imagination, prompt engineering, image generation, video generation, UGC, motion graphics, editing, audio, and evaluation.

1.2 Scope

Included: image prompts, visual concept art, flat/minimal/pop/patchwork design, color-text coordination, ad creative, video generation, editorial video, Remotion-style programmatic video, HyperFrames-style HTML/CSS/JS video, motion graphics, UGC avatar ads, voiceover, music, SFX, RAG/GraphRAG creative memory, model routing, evaluation courts.

1.3 Exclusions

Excluded: bypassing model safeguards, impersonation without consent, unauthorized likeness/voice cloning, copyrighted character imitation, deceptive deepfake political content, fake testimonials, medical/legal/financial claims without evidence, and “AI slop” at scale.

1.4 Success Definition

The OS succeeds if it improves concept quality, prompt precision, brand coherence, image/video consistency, conversion relevance, editing repeatability, safety governance, and learning from performance.

1.5 Failure Definition

It fails if it becomes a tool list, a style moodboard without mechanism, a prompt dump, a hallucination machine, or an ad factory that produces beautiful but commercially empty visuals.

2. Ontological Status

This domain is a **system + process + language + technical architecture + business system + cognitive process + AGI architecture**.

It is a system because images, video, audio, copy, brand, distribution, and metrics interact. It is a process because outputs improve through loops. It is language because prompts and captions shape generation. It is a technical architecture because models, APIs, renderers, and file formats constrain what can exist. It is a business system because commercial success depends on offer, trust, proof, platform, and audience. It is a cognitive process because the operator must extract difference, compress meaning, and revise. It is AGI-oriented because it can be decomposed into agents, memory, retrieval, courts, and tool-building loops.

The central error is treating generation as “write prompt → get asset.” The correct ontology is “construct a governed multimodal production loop.”

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3. Generative Kernel

3.1 Central Question

How can an AGI-oriented visual knowledge base turn unusual conceptual thinking into high-converting commercial images and videos while preserving brand coherence, production repeatability, and epistemic safety?

3.2 Central Tension

Commercial ads need clarity; conceptual art needs surprise. If clarity dominates, the output becomes generic. If surprise dominates, the output becomes obscure. The solution is not compromise; it is **readable abnormality**.

3.3 Hidden Variable

The hidden variable is **semantic transfer speed**: how fast the visual abnormality transfers the offer’s meaning into the viewer’s mind.

3.4 Irreducible Distinctions

- aesthetic quality is not commercial relevance;
- prompt detail is not prompt control;
- realism is not trust;
- UGC authenticity is not low production value;
- motion is not movement, but attention timing;
- color is not decoration, but hierarchy and affect;
- text in image is not caption, but visual governance;
- a model is not a creative director.

3.5 Governing Principle

Every asset must answer: **What difference does this visual create that a normal ad cannot create?**

3.6 Regeneration Rule

Given any brief, rebuild the domain through: Audience pain → offer promise → active difference Δ → visual carrier → style law → model route → prompt stack → generated asset → court → edit → memory.

4. The Moussaif Visual Theories

4.1 Visual Difference Carrier Theory

A visual carrier is any object, scene, gesture, color rupture, typographic form, or motion beat that carries an offer meaning. A carrier becomes powerful when it is unusual enough to stop attention and readable enough to transfer meaning. Example: an AI agency ad does not need a robot. It may show a filing cabinet growing neural roots into a city, with one large line: “Your workflow is already alive. Train it.”

4.2 Chromatic-Textual Governance Theory

Color selects attention before language explains. Text resolves the visual tension after color and form have attracted the eye. Strong ads place the headline where the eye expects semantic closure. The hierarchy is: color shock → object contradiction → text resolution → proof/CTA.

4.3 Patchwork Semiotic Compression Theory

Patchwork is not collage chaos. It is controlled collision between semantic worlds. A patchwork ad may combine accounting sheets, desert geometry, chrome UI cards, handmade paper, and pop-art halftone. It works only if a bridge variable unifies them: “from chaos to governed intelligence.”

4.4 Minimal-Flat Pop Conversion Theory

Minimal and flat design convert when they remove detail while increasing signal. Pop art adds memory through boldness, repetition, outlines, dots, contrast, and emotional immediacy. The danger is childishness; the repair is typographic discipline and offer proof.

4.5 UGC Reality-Trust Theory

Hyperrealistic UGC works when the viewer detects situated human pressure: room noise, imperfect gesture, concrete objection, lived timing, and proof. Perfect UGC looks fake. Controlled imperfection is a trust signal.

4.6 Motion as Attention-Time Theory

Motion is attention governance across time. The question is not “what moves?” but “what must the viewer understand at second 1, 3, 5, 8, and 12?” Motion graphics become commercial when each movement changes the viewer’s knowledge state.

4.7 Prompt-Loop Agency Theory

A prompt is not a sentence. It is an executable cognitive plan. A prompt loop must contain objective, model route, references, style law, composition law, text law, failure exclusions, evaluation court, and memory update.

5. 60-State-of-Art Model / Tool Matrix

#	System	Layer	Best Commercial Use	Prompt / Workflow Strategy	Failure Mode
1	GPT Image 2 / GPT Image API	Image generation + editing	complex prompt adherence, text-in-image, commercial layouts	Use structured brief: objective, audience, composition, text hierarchy, palette, negative constraints.	May over-obey dense prompts; typography still needs verification.
2	GPT Image 1	Image generation + editing	instructional image editing, layouts, product visuals	Use it for iterative client-safe edits and prompt-to-image workflows.	Older than latest GPT image line; use when API/platform availability dictates.
3	Midjourney V7	Image generation	art direction, editorial aesthetics, moodboards, surreal/pop imagery	Use visual grammar prompts: subject + style contradiction + lighting + material + composition.	Weak precise layout/text compared with design-specific models.
4	Niji V7	Image generation	anime, stylized characters, mascot campaigns	Use for expressive brand characters and stylized series.	May reduce realism and brand seriousness.
5	Adobe Firefly Image Model 4	Image generation	commercial-safe brand imagery, Adobe workflow	Use with brand boards, reference style, Firefly/Photoshop integration.	Style may feel safer/cleaner than more experimental models.
6	Adobe Firefly Image Model 4 Ultra	Image generation	high-detail campaign scenes, product details	Use for dense scenes, premium product hero imagery.	Requires careful art direction to avoid generic polish.
7	FLUX.1 Kontext	Image generation + in-context editing	multi-turn editing, character/object preservation	Use reference image + edit command + preservation constraints.	Can drift after many edits; freeze identity anchors.
8	FLUX 1.1 Pro Ultra	Image generation	fast high-resolution photoreal/product output	Use for ad hero images and multiple aspect ratios.	Needs separate typography pipeline for final ads.
9	FLUX.1 Schnell	Image generation	rapid ideation, large variant batches	Use for first 50 thumbnails, not final master.	Lower fidelity than pro models.
10	Stable Diffusion 3.5 Large	Image generation / local workflows	open/custom pipelines, LoRA, ControlNet-style workflows	Use with ComfyUI for controllable brand styles.	Licensing and setup must be checked for commercial use.
11	Stable Diffusion 3.5 Large Turbo	Image generation	faster iteration on SD workflows	Use for rapid tests before high-quality rerender.	Quality/control tradeoff.

#	System	Layer	Best Commercial Use	Prompt / Workflow Strategy	Failure Mode
12	SDXL Turbo	Image generation	fast drafts, low-cost experimentation	Use for background exploration and rough concepts.	Not final premium output.
13	Ideogram 3.0	Image generation + text	posters, logos, readable ad copy in image	Use exact typography slots and short text blocks.	Still verify all text manually.
14	Google Imagen 4	Image generation	high-quality general image generation	Use for clean prompt following and product/editorial visuals.	Platform access and model naming change quickly.
15	Gemini Flash Image / Nano Banana family	Image generation + fast iteration	rapid image ideation, multi-turn creative flow	Use conversational corrections and fast variant loops.	Needs source verification by region/product.
16	Recraft	Image/vector design	brand graphics, vector-like assets, style systems	Use for icon, poster, brand kit directions.	May need Illustrator/ Figma polish.
17	Leonardo AI Phoenix	Image generation	game, product, character concepts	Use for creative ideation and controlled style systems.	Platform model availability shifts.
18	Krea AI	Image generation/ enhancement	real-time ideation, upscaling, enhancement	Use for mood exploration and quality refinement.	Not a substitute for coherent campaign logic.
19	Freepik AI/Mystic family	Image generation	stock-like commercial assets	Use for marketing variants and social concepts.	Check licensing and originality.
20	Canva Magic Studio / Dream Lab	Image/design generation	small business ads and templates	Use for fast social formats and brand kits.	Can look template-like without custom art direction.
21	Seedream / Jimeng image models	Image generation	Chinese market visual style, fast creative variants	Use for high-volume social ideation.	Availability and naming vary.
22	Qwen Image family	Image generation	Asian-language/ localized visual tasks	Use for Chinese/ Arabic/multilingual style experiments.	Validate text and licensing.
23	Grok Imagine	Image/video-like creation	social-native image/ video ideation	Use for viral trend concepts and fast experiments.	Commercial controls may be less predictable.
24	Adobe Firefly Custom Models	Brand-tuned generation	brand consistency at scale	Use when a brand style must repeat across campaigns.	Requires clean training/reference assets.
25	Google Veo 3.1	Video generation	cinematic video, audio, physics, 4K/ HD workflows	Use shot list + camera motion + sound + duration constraints.	Clips still need editorial assembly.
26	Gemini Omni Flash Video	Video generation/ editing	conversation-driven short videos, photo-to-video, native audio	Use for social clips and iterative editing.	Product availability and exact capabilities change fast.
27	Runway Gen-4	Video generation	consistent characters/objects, production clips	Use reference images and scene continuity constraints.	Clip-to-story assembly still required.
28	Runway Gen-4.5	Video generation	physical accuracy, realism, advanced motion	Use when realistic motion/objects matter.	Check access and rollout status.

#	System	Layer	Best Commercial Use	Prompt / Workflow Strategy	Failure Mode
29	OpenAI Sora 2	Video + audio generation	world simulation, cinematic scenes, prompt-to-video	Use as research/ reference where available.	OpenAI API says Sora 2 video API is deprecated and scheduled to shut down.
30	Luma Ray2	Video generation	natural coherent motion, text/image/ video inputs	Use for cinematic image-to-video and camera motion.	Duration/resolution depends on plan/API.
31	Kling AI	Video generation	social/commercial clips, character consistency	Use for short ads and social formats.	Model versions and access evolve quickly.
32	Pika	Video generation/ editing	social video, stylized effects, image-to-video	Use for trendy clips and transformations.	Often less cinematic than top film models.
33	Tencent HunyuanVideo	Open video generation	research/open-source video workflows	Use for local/open experimentation and pipeline studies.	Compute heavy; not turnkey agency workflow.
34	Alibaba Wan video family	Open/available video generation	open video research and deployment options	Use for controllable pipeline experiments.	Model versioning and licensing must be checked.
35	ByteDance Seedance 2.0	Multimodal audio-video generation	multimodal references: text/ image/audio/video	Use for complex ad shots with multimodal guidance.	Access may be region/platform constrained.
36	Adobe Firefly Video	Video generation	Adobe-integrated text/image-to-video	Use when commercial safety and Adobe pipeline matter.	May need external models for high cinematic drama.
37	PixVerse	Video generation	short social clips and stylized motion	Use for quick social tests.	Consistency may vary.
38	MiniMax Hailuo Video	Video generation	expressive short videos, cinematic motion	Use for high-volume visual tests.	Check platform/ version and licensing.
39	Vidu	Video generation	character and story-oriented clips	Use for narrative short clips and anime/film styles.	Variable prompt adherence.
40	Luma Dream Machine	Video generation UI	cinematic clip generation and extension	Use for fast image-to-video campaigns.	Needs editorial stitching.
41	Kaiber	Video/music visualizer	music videos, stylized transformations	Use for artistic audiovisual motion.	Less suitable for precise product claims.
42	Remotion	Programmatic video framework	React/TypeScript deterministic video at scale	Use for data-driven ads, bulk rendering, repeatable templates.	Requires coding discipline and render infrastructure.
43	HyperFrames by HeyGen	HTML/CSS/JS video rendering	agent-composed deterministic video	Use for prompt-to-video-code workflows and repeatable scenes.	New/open ecosystem; verify production constraints.
44	FFmpeg	Video/audio processing	transcoding, overlays, batching, compression	Use as the production spine behind automation.	Low-level; easy to misuse quality settings.
45	DaVinci Resolve Studio Neural Engine	Editing/color/VFX	professional edit, color, audio, finishing	Use for final grade and human cinematic polish.	Not prompt-native; needs editor craft.
46	Adobe Premiere Pro + Generative tools	Editing	professional editing plus AI assist	Use for agency/client deliverables.	Generative features vary by release/ region.

#	System	Layer	Best Commercial Use	Prompt / Workflow Strategy	Failure Mode
47	After Effects	Motion graphics	kinetic typography, compositing, graphic motion	Use for typography, transitions, logo systems.	Manual craft remains central.
48	CapCut AI / ByteDance editing stack	Social editing	short-form edits, captions, templates	Use for TikTok/Reels speed and trend structure.	Can feel generic/ template-heavy.
49	Descript	Text-based video/ audio editing	podcasts, talking-head, social clips	Use transcript editing, filler removal, captions.	Complex cinematic edits still need NLE.
50	Runway Act-Two	Performance capture/animation	character animation from webcam performance	Use for avatar scenes and stylized spokespersons.	Check rights and identity consent.
51	HeyGen	AI avatars / UGC	UGC ads, spokesperson videos, localization	Use avatar + script + brand visuals + localization.	Consent and authenticity disclosure matter.
52	Synthesia	AI avatars for business	training, corporate video, multilingual presentations	Use for education and enterprise explainers.	Can feel corporate if not art-directed.
53	Captions AI	AI creator video	talking-head polish, captions, social packaging	Use for UGC creator-style videos.	Check plan/model availability.
54	Arcads	AI UGC ads	short UGC ad actors and variants	Use for performance ad testing.	Authenticity and platform compliance matter.
55	Tavus	Conversational/video avatars	personalized video and interactive avatars	Use for personalized sales/customer journeys.	Requires strict consent/compliance.
56	D-ID	Talking avatars	portrait animation, explainer avatars	Use for lightweight avatar content.	Can enter uncanny valley.
57	ElevenLabs	Voice/TTS/voice agents	voiceover, dubbing, emotional narration	Use voice bible: persona, pace, emotion, pronunciation.	Voice cloning requires consent and governance.
58	Suno	AI music generation	music beds, jingles, concept songs	Use for mood drafts and sonic branding ideation.	Copyright/licensing controversies require caution.
59	Udio	AI music generation	song/music ideation and campaign audio	Use for audio moodboards and variants.	Check licensing and rights.
60	Adobe Firefly Audio / Translate / Sound Effects	Audio generation/ localization	dubbing, SFX, multilingual content	Use for sound design and global ad variants.	Always verify voice, timing, and rights.

6. Visual System: Text, Color, Concept, Layout

6.1 The Four-Layer Visual Stack

1. **Concept layer:** the idea that makes the ad worth seeing.
2. **Carrier layer:** the unusual object/scene/metaphor that carries the idea.
3. **Governance layer:** color, typography, negative space, hierarchy, contrast.

4. **Conversion layer:** offer, proof, urgency, CTA, trust.

6.2 Text-Color Coordination Rules

- If the background is emotionally loud, text must be structurally quiet.
- If the headline is loud, the object must be simplified.
- If the offer is abstract, use concrete objects.
- If the product is technical, use human consequence.
- If the image is surreal, the copy must be plain.
- If the copy is poetic, the product proof must be concrete.
- Use one dominant color for emotion, one contrast color for action, one neutral for trust, one accent for memory.

6.3 Minimal/Flat/Pop/Patchwork Formula

Minimal: reduce objects; increase meaning.
Flat: simplify depth; sharpen hierarchy.
Pop: amplify memory through bold color and graphic repetition.
Patchwork: combine worlds through a governing semantic bridge.
Commercial test: after two seconds, can the viewer say what the ad is about and why it feels different?

6.4 Conceptual Art for Ads

Conceptual art in advertising should not be “mysterious.” It should create a controlled interpretive delay. The viewer stops because the visual is abnormal, then stays because the text resolves the abnormality into a useful promise.

6.5 Non-Ordinary Element Bank

Use these as visual carriers: - a UI dashboard printed on fabric; - a city map folded like a brain; - a smartphone screen as a shop window; - data streams as irrigation canals; - a calendar melting into a workflow; - a paper invoice growing roots; - a human hand holding a miniature agency machine; - a cassette tape becoming a cloud server; - Moroccan zellige geometry as neural routing; - a flat pop-art worker controlling 12 agent windows; - a product box as a theater stage; - a red notification bubble as a sun; - a brand logo reflected in liquid chrome; - speech bubbles behaving like machines; - a shopping cart filled with keywords; - a camera lens made of typography.

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7. Image Prompt Compiler

7.1 Master Prompt Structure

```
 Objective: [commercial goal]
Audience: [who must feel addressed]
```

```
Offer: [what is sold/promised]
Active Difference Δ: [the unusual insight]
Visual Carrier: [object/scene that carries the idea]
Style Law: [minimal/flat/pop/patchwork/concept art]
Composition: [layout, hierarchy, framing, negative space]
Color Governance: [dominant/contrast/neutral/accent + meaning]
Typography: [headline position, scale, text density]
Brand Anchors: [logo, palette, product, cultural cues]
Model Route: [which system should generate this]
Negative Constraints: [avoid clichés, clutter, wrong text, extra fingers, fake claims]
Evaluation Court: [what must be checked after generation]
```

7.2 Moussaif Commercial Image Prompt Template

```
Create a high-end commercial conceptual ad image for [brand/service].
The central idea is: [idea].
Use an unusual but readable visual carrier: [carrier].
Style: minimal flat pop-art patchwork with refined agency-grade composition.
Color governance: dominant [color] for [emotion], accent [color] for action, neutral
[color] for trust.
Typography: leave clean space for a very large headline at [position]; no random text.
Composition: [rule of thirds / centered icon / diagonal tension / poster layout].
Mood: [premium, intelligent, energetic, human, trustworthy].
Avoid: generic robots, random neon, overbusy background, fake UI text, cliché AI brain
icons.
Output should feel like a global agency campaign, not a generic AI image.
```

7.3 Editing Prompt Template

```
Preserve: [identity/product/logo/face/composition/style].
Change only: [target element].
New instruction: [desired edit].
Maintain: lighting, perspective, color harmony, typography space, realism level.
Do not alter: [protected anchors].
After edit, the image must still read as: [campaign concept].
```

7.4 Typography-Safe Prompt Rule

Never ask image models to handle final long ad copy unless the model is strong at text rendering and the text is short. Generate the visual with text-safe space, then finish typography in Figma/Illustrator/Photoshop/Canva/After Effects/Remotion.

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8. Video Generation OS

8.1 Video Is Not Moving Image

Video is a sequence of knowledge-state changes. A viewer starts with ignorance or indifference. Each shot must change one thing: attention, curiosity, trust, objection, proof, memory, or action.

8.2 Editorial Video Formula

Thesis → cultural/market tension → visual metaphor → evidence/proof → counterpoint → synthesis → memorable closing. Editorial video needs authority, pacing, and conceptual clarity. It can use cinematic B-roll, data cards, voiceover, kinetic typography, and symbolic transitions.

8.3 Commercial Video Formula

Hook 0–2s → problem image → product/solution reveal → proof moment → objection handling → CTA. The strongest ads often use one visual metaphor and repeat it in three transformations.

8.4 UGC Hyperrealistic Formula

Persona → situation → pain → discovery → proof → objection → natural recommendation → CTA. The key is not perfect acting; it is situated specificity.

8.5 Remotion / HyperFrames Layer

Programmatic video is the bridge between generative creativity and production repeatability. Use Remotion-like React/TypeScript or HyperFrames-like HTML/CSS/JS when you need: - hundreds of ad variants; - data-driven personalization; - deterministic typography and layouts; - reusable scene templates; - precise export formats; - model-generated assets assembled at scale.

8.6 Shot Prompt Template

```
Shot [number], duration [seconds].
Purpose: [attention/problem/proof/CTA].
Scene: [visual].
Camera: [movement/lens/framing].
Motion: [subject motion + environment motion].
Style: [cinematic/editorial/UGC/flat motion graphic].
Continuity anchors: [character/product/color/object].
Audio: [voiceover/music/SFX].
Text overlay: [short phrase or leave space].
Failure constraints: [avoid drift, distorted hands, unreadable text, incorrect logo].
```

8.7 Motion Graphics Prompt-to-Code Spec

```
Composition size: 1080x1920 or 1920x1080.
Scene list: [scenes with start/end time].
Assets: [images/video/audio/fonts/colors].
Typography system: [font, scale, weight, line height].
Animation primitives: fade, slide, scale, mask reveal, number count, parallax, kinetic
caption.
Data variables: product_name, benefit, price, CTA, testimonial, language.
Export: MP4 H.264, 30fps, safe margins for platform UI.
```

9. HyperSkills

1. Visual Difference Extraction

Definition: Extract the non-obvious visual difference that makes an ad memorable without breaking comprehension. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

2. Chromatic Governance

Definition: Control palette, contrast, semantic color roles, and emotional temperature as one system. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

3. Text-Image Synchronization

Definition: Make copy, typography, object placement, and negative space carry one argument. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

4. Conceptual Object Relaying

Definition: Use unusual objects as carriers of business meaning without becoming obscure. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

5. Patchwork Semiotic Compression

Definition: Combine fragments from multiple worlds into one readable commercial sign. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

6. Flat-Pop Commercial Distillation

Definition: Compress a complex offer into flat/minimal/pop visual grammar that converts. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable

capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

7. Prompt-to-Storyboard Engineering

Definition: Transform a campaign idea into shots, frames, motion, audio, and edit logic. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

8. Reference Governance

Definition: Use style/character/product references without losing identity across models. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

9. UGC Authenticity Design

Definition: Create realistic creator ads that feel situated, imperfect, and trustworthy. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

10. Motion Timing Architecture

Definition: Design micro-timing, cuts, loops, and kinetic typography for retention. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

11. A/V Fusion Prompting

Definition: Coordinate image, video, voice, SFX, music, subtitles, and CTA as one semantic loop. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

12. Destruction-Court Reviewing

Definition: Attack every output for genericness, incoherence, legal risk, and weak commercial effect. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

13. RAG Creative Retrieval

Definition: Retrieve brand assets, past winners, palette rules, hooks, objections, and offers inside prompts. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

14. GraphRAG Concept Routing

Definition: Move from concept graph to prompt graph to shot graph to asset graph. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

15. Agentic Creative Production

Definition: Use multiple agents for ideation, prompt, critique, edit, audio, compliance, and export. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

16. State-of-Art Model Routing

Definition: Choose the right model for the job instead of forcing one model to do everything. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

17. Prompt Injection Governance

Definition: Inject constraints, references, and micro-prompts safely without bypassing safeguards. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

18. Commercial Reality Testing

Definition: Evaluate whether the output could actually sell, not merely look impressive. **Why hyper:** It converts concept, prompt, model routing, editing, and evaluation into a repeatable capability. **Beginner exercise:** Generate 5 variants of one ad idea using the skill. **Advanced exercise:** Build a reusable template or court around it. **Mastery indicator:** Output quality improves after critique rather than random regeneration.

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10. HyperPrompt Engineering Loops

1. Kernel Extraction Loop

Objective: raw brief → audience pain → active difference Δ → offer promise → visual thesis. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

2. Visual Constitution Loop

Objective: brand values → allowed forms/colors/textures → forbidden clichés → design laws. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

3. Prompt Layering Loop

Objective: base scene → style law → composition law → text law → color law → failure exclusions. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

4. Reference Lock Loop

Objective: reference assets → identity anchors → preservation constraints → drift check. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

5. Patchwork Assembly Loop

Objective: 3–5 semantic worlds → collision rule → visual bridge → readability test. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

6. Flat-Pop Distillation Loop

Objective: complex idea → icon-like scene → bold color → large text → one-message proof. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

7. Storyboard-to-Model Loop

Objective: campaign angle → 6 shots → model route per shot → generation prompts → assembly. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

8. Motion Graph Loop

Objective: static layout → motion role → retention beats → subtitle rhythm → loop ending. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

9. UGC Reality Loop

Objective: persona → lived situation → product proof → objection → natural CTA → authenticity court. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

10. Editorial Authority Loop

Objective: thesis → visual metaphor → pacing → voiceover → citations/proof → final claim. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

11. Commercial Variant Loop

Objective: one offer → 5 hooks → 5 visual metaphors → 5 CTAs → test matrix. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

12. Destruction and Repair Loop

Objective: output → hallucination/genericness/compliance/aesthetic courts → revision prompt. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

13. RAG Creative Loop

Objective: brief → retrieve brand memory/assets/winners → inject constraints → generate → update memory. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

14. GraphRAG Shot Loop

Objective: concept node → object node → color node → motion node → audio node → export plan. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

15. Human Finish Loop

Objective: AI draft → human taste correction → legal check → edit/color/audio finish. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

16. Versioning Loop

Objective: v0 idea → v1 prompt → v2 image → v3 video → v4 edit → v5 ad set → learnings. **Input:** brief, brand memory, model route, constraints. **Process:** extract → layer → generate → attack → repair → version. **Output:** stronger prompt, asset, or reusable production rule. **Failure mode:** vague aesthetic prompting without measurable visual or commercial difference. **Repair:** add active difference Δ, preservation anchors, and a court checklist.

11. Agentic Layer

11.1 Research Agent

Finds model capabilities, platform constraints, references, audience insights, and trend signals. Forbidden: inventing facts or claiming unavailable access.

11.2 Concept Agent

Extracts active difference Δ and proposes visual carriers. Evaluated by novelty, readability, commercial relevance.

11.3 Prompt Agent

Compiles prompts into layered, model-specific instructions. Forbidden: bypass prompts, deceptive impersonation, or unsafe requests.

11.4 Reference Agent

Manages brand assets, product images, palettes, character sheets, and style references. Evaluated by preservation and consistency.

11.5 Image Agent

Generates image variants and records prompt/model/version. Evaluated by visual quality and adherence.

11.6 Video Agent

Generates shots and maintains continuity. Evaluated by motion, realism, story, and platform format.

11.7 Motion Code Agent

Builds Remotion/HyperFrames-style templates. Evaluated by deterministic render, typography, and export correctness.

11.8 Audio Agent

Builds voice, music, SFX, localization, and mix notes. Evaluated by clarity, legality, mood, and timing.

11.9 UGC Agent

Designs creator scripts, authenticity markers, avatar/persona route, and objection handling. Evaluated by trust.

11.10 Critique Agent

Runs hallucination, genericness, brand, conversion, legal, and aesthetic courts.

11.11 Deployment Agent

Exports platform-ready assets, naming conventions, file sizes, captions, and ad variants.

11.12 Versioning Agent

Stores what changed, why, and what performance taught the system.

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12. Tool Layer

1. Moussaif Visual Kernelizer

Purpose: Converts a brand idea into active difference, core metaphor, palette law, and output mode. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

2. MCD Creative Evaluator

Purpose: Scores distinction density, integration, transformation, agency, prediction, compression, and noise. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

3. QMCD Model Router

Purpose: Keeps several model routes alive until evidence shows which is best for the asset. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

4. Prompt Layer Compiler

Purpose: Builds prompts as stackable layers: objective, subject, style, composition, camera, palette, text, exclusions. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

5. Patchwork Collision Matrix

Purpose: Combines distant visual worlds while preserving readability. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

6. Chromatic Governance Matrix

Purpose: Maps color to emotion, hierarchy, brand memory, contrast, and platform context. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

7. Typography Synchronizer

Purpose: Aligns copy length, font mood, placement, scale, and contrast. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

8. Storyboard Compiler

Purpose: Turns ad strategy into scenes, shots, model prompts, audio notes, and edit beats. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

9. HyperFrames/Remotion Renderer Spec

Purpose: Converts design into deterministic video-code templates. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

10. UGC Authenticity Court

Purpose: Tests whether a creator ad feels human, situated, imperfect, and trustworthy. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

11. Voiceover Persona Sheet

Purpose: Defines voice age, tone, pacing, pronunciation, emotional curve, and legal constraints. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

12. Audio-Visual Fusion Sheet

Purpose: Aligns music, SFX, captions, visual cuts, and CTA timing. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

13. Model Failure Router

Purpose: Maps common model failures to repair actions and alternative models. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

14. RAG Chunking Compiler

Purpose: Prepares creative knowledge into retrievable chunks. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

15. GraphRAG Relation Compiler

Purpose: Converts creative knowledge into nodes and edges. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

16. Ad Variant Factory

Purpose: Generates systematic variants for hooks, visuals, offers, proof, and CTAs. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

17. Destruction Court Matrix

Purpose: Attacks outputs for hallucination, genericness, weak offer, low conversion, and legal risk. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

18. Production Box Planner

Purpose: Defines preproduction, generation, edit, audio, delivery, archive, and measurement assets. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

19. Rights and Consent Gate

Purpose: Checks likeness, voice, music, product, trademark, and disclosure constraints. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

20. Learning Memory Updater

Purpose: Stores winners, losers, prompt changes, platform metrics, and style discoveries. **Inputs:** brief, audience, assets, model constraints, brand memory. **Algorithm:** normalize → extract Δ → map constraints → generate structure → test → update. **Outputs:** prompt, matrix, checklist, template, graph node, or production instruction. **Misuse risk:** treating the tool as magic instead of forcing it through evidence and courts.

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13. RAG / GraphRAG Architecture

13.1 Chunk Types

- concept chunk;

- model capability chunk;
- prompt pattern chunk;
- visual carrier chunk;
- color law chunk;
- typography law chunk;
- ad hook chunk;
- UGC script chunk;
- storyboard chunk;
- shot prompt chunk;
- audio cue chunk;
- compliance warning chunk;
- evaluation court chunk;
- performance memory chunk.

13.2 Metadata Schema

```
id: unique_chunk_id
domain: visual_agi_kbi
section: image|video|ugc|motion|audio|prompt|court|model
concept: active_concept
confidence: established|supported|plausible|theoretical|needs_verification
model_relevance: [model_names]
skill_relevance: [skills]
risk: low|medium|high
commercial_stage: ideation|production|editing|testing|deployment
version: v1
update_status: current|watch|deprecated|unknown
```

13.3 Graph Nodes

Concept, Claim, Source, Model, PromptPattern, VisualCarrier, ColorRule, TypographyRule, Shot, Asset, Tool, Skill, Loop, Agent, Court, FailureMode, Test, PerformanceMetric.

13.4 Graph Edges

supports, contradicts, refines, generates, operationalizes, tests, trains, retrieves, updates, routes_to, preserves, violates, repairs.

13.5 Example Graph Facts

- VisualDifferenceCarrier generates VisualCarrier.
- ColorGovernance constrains TypographySynchronizer.
- UGCAuthenticityCourt tests UGCScript.
- RemotionRenderer operationalizes MotionGraph.
- ModelFailureRouter repairs VideoDrift.
- PerformanceMemory updates PromptPattern.

14. Destruction Courts

14.1 Hallucination Court

Questions: Are there unsupported claims? Did the asset imply false product capabilities? Did it invent testimonials, metrics, awards, or legal guarantees?

14.2 Genericness Court

Questions: Could any agency use this? Does it rely on neon brains, robots, generic dashboards, faceless people, cliché futurism? What is the active difference?

14.3 Brand Court

Questions: Does the output respect palette, tone, audience, cultural context, logo rules, and offer position?

14.4 Commercial Court

Questions: Is there a hook, offer, proof, objection handling, and CTA? Does the image sell or merely impress?

14.5 Visual Coherence Court

Questions: Is there hierarchy? Does the eye move correctly? Is text readable? Are colors fighting? Is the composition overloaded?

14.6 Model Failure Court

Questions: Are there warped hands, drift, temporal inconsistency, fake text, impossible product details, identity loss, audio mismatch?

14.7 Rights and Consent Court

Questions: Are likeness, voice, music, product, trademark, cultural symbols, and copyrighted references cleared?

14.8 False Novelty Court

Questions: Is the idea genuinely operationally new or just renamed? What new operation does it enable?

14.9 Weak Operationalization Court

Questions: Can the concept become a prompt, storyboard, shot, template, metric, or test? If not, reduce it.

14.10 Platform Court

Questions: Does the asset fit TikTok/Reels/Shorts/LinkedIn/landing page/display ad specs and norms?

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15. Evaluation Layer

15.1 AGI-KBI Visual Metrics

1. **Kernel Regeneration Score:** Can the central idea regenerate many assets without losing identity?
2. **Visual Difference Score:** Is the abnormality distinctive and readable?
3. **Commercial Relevance Score:** Does the asset connect to offer and audience pain?
4. **Color Governance Score:** Do colors guide attention and affect?
5. **Text-Image Synchronization Score:** Does text resolve the visual idea?
6. **Model Fit Score:** Was the right model/tool chosen?
7. **Motion Coherence Score:** Does time improve meaning?
8. **UGC Trust Score:** Does the creator scenario feel situated and credible?
9. **Audio-Visual Fusion Score:** Does sound support the cut and claim?
10. **Destruction Resistance Score:** How well did it survive critique?
11. **Production Repeatability Score:** Can it be rendered again at scale?
12. **Performance Learning Score:** Does data update future prompts?

15.2 Qualitative Scoring

Use 0–5 qualitative scores. Do not fake numeric precision. A 5 means the asset is ready for controlled campaign testing, not guaranteed success.

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16. 600-Page Expansion Blueprint

This section maps the full 600-page book/KB. Each page unit is a production page seed: title, function, and expansion instruction. It is designed to be expanded into a full PDF/book without losing architecture.

Part I — Foundations of Visual AGI-KBI (1–60)

Page 001 — Domain Constitution / Kernel

Function: Expand the domain constitution layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 002 — Ontological Map / Distinction

Function: Expand the ontological map layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 003 — Visual Difference Carrier / Mechanism

Function: Expand the visual difference carrier layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 004 — Chromatic Governance / Prompt

Function: Expand the chromatic governance layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 005 — Mcd/Qmcd/Mcai / Example

Function: Expand the MCD/QMCD/MCAI layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 006 — Destruction Courts / Failure Mode

Function: Expand the destruction courts layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 007 — Domain Constitution / Repair

Function: Expand the domain constitution layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 008 — Ontological Map / Metric

Function: Expand the ontological map layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 009 — Visual Difference Carrier / Agent Role

Function: Expand the visual difference carrier layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 010 — Chromatic Governance / Production Checklist

Function: Expand the chromatic governance layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 011 — Mcd/Qmcd/Mcai / Kernel

Function: Expand the MCD/QMCD/MCAI layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 012 — Destruction Courts / Distinction

Function: Expand the destruction courts layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 013 — Domain Constitution / Mechanism

Function: Expand the domain constitution layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 014 — Ontological Map / Prompt

Function: Expand the ontological map layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 015 — Visual Difference Carrier / Example

Function: Expand the visual difference carrier layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure

mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 016 — Chromatic Governance / Failure Mode

Function: Expand the chromatic governance layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 017 — Mcd/Qmcd/Mcai / Repair

Function: Expand the MCD/QMCD/MCAI layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 018 — Destruction Courts / Metric

Function: Expand the destruction courts layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 019 — Domain Constitution / Agent Role

Function: Expand the domain constitution layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 020 — Ontological Map / Production Checklist

Function: Expand the ontological map layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 021 — Visual Difference Carrier / Kernel

Function: Expand the visual difference carrier layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 022 — Chromatic Governance / Distinction

Function: Expand the chromatic governance layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 023 — Mcd/Qmcd/Mcai / Mechanism

Function: Expand the MCD/QMCD/MCAI layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 024 — Destruction Courts / Prompt

Function: Expand the destruction courts layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 025 — Domain Constitution / Example

Function: Expand the domain constitution layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 026 — Ontological Map / Failure Mode

Function: Expand the ontological map layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 027 — Visual Difference Carrier / Repair

Function: Expand the visual difference carrier layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 028 — Chromatic Governance / Metric

Function: Expand the chromatic governance layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 029 — Mcd/Qmcd/Mcai / Agent Role

Function: Expand the MCD/QMCD/MCAI layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 030 — Destruction Courts / Production Checklist

Function: Expand the destruction courts layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure

mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 031 — Domain Constitution / Kernel

Function: Expand the domain constitution layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 032 — Ontological Map / Distinction

Function: Expand the ontological map layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 033 — Visual Difference Carrier / Mechanism

Function: Expand the visual difference carrier layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 034 — Chromatic Governance / Prompt

Function: Expand the chromatic governance layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 035 — Mcd/Qmcd/Mcai / Example

Function: Expand the MCD/QMCD/MCAI layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 036 — Destruction Courts / Failure Mode

Function: Expand the destruction courts layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 037 — Domain Constitution / Repair

Function: Expand the domain constitution layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 038 — Ontological Map / Metric

Function: Expand the ontological map layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 039 — Visual Difference Carrier / Agent Role

Function: Expand the visual difference carrier layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 040 — Chromatic Governance / Production Checklist

Function: Expand the chromatic governance layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 041 — Mcd/Qmcd/Mcai / Kernel

Function: Expand the MCD/QMCD/MCAI layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 042 — Destruction Courts / Distinction

Function: Expand the destruction courts layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 043 — Domain Constitution / Mechanism

Function: Expand the domain constitution layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 044 — Ontological Map / Prompt

Function: Expand the ontological map layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 045 — Visual Difference Carrier / Example

Function: Expand the visual difference carrier layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure

mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 046 — Chromatic Governance / Failure Mode

Function: Expand the chromatic governance layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 047 — Mcd/Qmcd/Mcai / Repair

Function: Expand the MCD/QMCD/MCAI layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 048 — Destruction Courts / Metric

Function: Expand the destruction courts layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 049 — Domain Constitution / Agent Role

Function: Expand the domain constitution layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 050 — Ontological Map / Production Checklist

Function: Expand the ontological map layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 051 — Visual Difference Carrier / Kernel

Function: Expand the visual difference carrier layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 052 — Chromatic Governance / Distinction

Function: Expand the chromatic governance layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 053 — Mcd/Qmcd/Mcai / Mechanism

Function: Expand the MCD/QMCD/MCAI layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 054 — Destruction Courts / Prompt

Function: Expand the destruction courts layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 055 — Domain Constitution / Example

Function: Expand the domain constitution layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 056 — Ontological Map / Failure Mode

Function: Expand the ontological map layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 057 — Visual Difference Carrier / Repair

Function: Expand the visual difference carrier layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 058 — Chromatic Governance / Metric

Function: Expand the chromatic governance layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 059 — Mcd/Qmcd/Mcai / Agent Role

Function: Expand the MCD/QMCD/MCAI layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 060 — Destruction Courts / Production Checklist

Function: Expand the destruction courts layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure

mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Part II — Image Generation and Concept Art (61–150)

Page 061 — Image Models / Kernel

Function: Expand the image models layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 062 — Concept Art / Distinction

Function: Expand the concept art layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 063 — Flat Design / Mechanism

Function: Expand the flat design layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 064 — Pop Art / Prompt

Function: Expand the pop art layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 065 — Patchwork / Example

Function: Expand the patchwork layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 066 — Reference Control / Failure Mode

Function: Expand the reference control layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 067 — Editing Prompts / Repair

Function: Expand the editing prompts layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 068 — Typography-Safe Images / Metric

Function: Expand the typography-safe images layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 069 — Image Models / Agent Role

Function: Expand the image models layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 070 — Concept Art / Production Checklist

Function: Expand the concept art layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 071 — Flat Design / Kernel

Function: Expand the flat design layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 072 — Pop Art / Distinction

Function: Expand the pop art layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 073 — Patchwork / Mechanism

Function: Expand the patchwork layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 074 — Reference Control / Prompt

Function: Expand the reference control layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 075 — Editing Prompts / Example

Function: Expand the editing prompts layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 076 — Typography-Safe Images / Failure Mode

Function: Expand the typography-safe images layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 077 — Image Models / Repair

Function: Expand the image models layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 078 — Concept Art / Metric

Function: Expand the concept art layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 079 — Flat Design / Agent Role

Function: Expand the flat design layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 080 — Pop Art / Production Checklist

Function: Expand the pop art layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 081 — Patchwork / Kernel

Function: Expand the patchwork layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 082 — Reference Control / Distinction

Function: Expand the reference control layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 083 — Editing Prompts / Mechanism

Function: Expand the editing prompts layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 084 — Typography-Safe Images / Prompt

Function: Expand the typography-safe images layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 085 — Image Models / Example

Function: Expand the image models layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 086 — Concept Art / Failure Mode

Function: Expand the concept art layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 087 — Flat Design / Repair

Function: Expand the flat design layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 088 — Pop Art / Metric

Function: Expand the pop art layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 089 — Patchwork / Agent Role

Function: Expand the patchwork layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 090 — Reference Control / Production Checklist

Function: Expand the reference control layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 091 — Editing Prompts / Kernel

Function: Expand the editing prompts layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 092 — Typography-Safe Images / Distinction

Function: Expand the typography-safe images layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 093 — Image Models / Mechanism

Function: Expand the image models layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 094 — Concept Art / Prompt

Function: Expand the concept art layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 095 — Flat Design / Example

Function: Expand the flat design layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 096 — Pop Art / Failure Mode

Function: Expand the pop art layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 097 — Patchwork / Repair

Function: Expand the patchwork layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 098 — Reference Control / Metric

Function: Expand the reference control layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 099 — Editing Prompts / Agent Role

Function: Expand the editing prompts layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 100 — Typography-Safe Images / Production Checklist

Function: Expand the typography-safe images layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 101 — Image Models / Kernel

Function: Expand the image models layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 102 — Concept Art / Distinction

Function: Expand the concept art layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 103 — Flat Design / Mechanism

Function: Expand the flat design layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 104 — Pop Art / Prompt

Function: Expand the pop art layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 105 — Patchwork / Example

Function: Expand the patchwork layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 106 — Reference Control / Failure Mode

Function: Expand the reference control layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 107 — Editing Prompts / Repair

Function: Expand the editing prompts layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 108 — Typography-Safe Images / Metric

Function: Expand the typography-safe images layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 109 — Image Models / Agent Role

Function: Expand the image models layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 110 — Concept Art / Production Checklist

Function: Expand the concept art layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 111 — Flat Design / Kernel

Function: Expand the flat design layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 112 — Pop Art / Distinction

Function: Expand the pop art layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 113 — Patchwork / Mechanism

Function: Expand the patchwork layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 114 — Reference Control / Prompt

Function: Expand the reference control layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 115 — Editing Prompts / Example

Function: Expand the editing prompts layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 116 — Typography-Safe Images / Failure Mode

Function: Expand the typography-safe images layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 117 — Image Models / Repair

Function: Expand the image models layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 118 — Concept Art / Metric

Function: Expand the concept art layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 119 — Flat Design / Agent Role

Function: Expand the flat design layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 120 — Pop Art / Production Checklist

Function: Expand the pop art layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 121 — Patchwork / Kernel

Function: Expand the patchwork layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 122 — Reference Control / Distinction

Function: Expand the reference control layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 123 — Editing Prompts / Mechanism

Function: Expand the editing prompts layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 124 — Typography-Safe Images / Prompt

Function: Expand the typography-safe images layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 125 — Image Models / Example

Function: Expand the image models layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 126 — Concept Art / Failure Mode

Function: Expand the concept art layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 127 — Flat Design / Repair

Function: Expand the flat design layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 128 — Pop Art / Metric

Function: Expand the pop art layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 129 — Patchwork / Agent Role

Function: Expand the patchwork layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 130 — Reference Control / Production Checklist

Function: Expand the reference control layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 131 — Editing Prompts / Kernel

Function: Expand the editing prompts layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 132 — Typography-Safe Images / Distinction

Function: Expand the typography-safe images layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 133 — Image Models / Mechanism

Function: Expand the image models layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 134 — Concept Art / Prompt

Function: Expand the concept art layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 135 — Flat Design / Example

Function: Expand the flat design layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 136 — Pop Art / Failure Mode

Function: Expand the pop art layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 137 — Patchwork / Repair

Function: Expand the patchwork layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 138 — Reference Control / Metric

Function: Expand the reference control layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 139 — Editing Prompts / Agent Role

Function: Expand the editing prompts layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 140 — Typography-Safe Images / Production Checklist

Function: Expand the typography-safe images layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 141 — Image Models / Kernel

Function: Expand the image models layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 142 — Concept Art / Distinction

Function: Expand the concept art layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 143 — Flat Design / Mechanism

Function: Expand the flat design layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 144 — Pop Art / Prompt

Function: Expand the pop art layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 145 — Patchwork / Example

Function: Expand the patchwork layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 146 — Reference Control / Failure Mode

Function: Expand the reference control layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 147 — Editing Prompts / Repair

Function: Expand the editing prompts layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 148 — Typography-Safe Images / Metric

Function: Expand the typography-safe images layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 149 — Image Models / Agent Role

Function: Expand the image models layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 150 — Concept Art / Production Checklist

Function: Expand the concept art layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Part III — Commercial Design: Text, Color, Layout (151–230)

Page 151 — Color Hierarchy / Kernel

Function: Expand the color hierarchy layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 152 — Copy Placement / Distinction

Function: Expand the copy placement layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 153 — Ad Layout / Mechanism

Function: Expand the ad layout layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 154 — Brand Memory / Prompt

Function: Expand the brand memory layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 155 — Conversion Proof / Example

Function: Expand the conversion proof layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 156 — Social Thumbnail / Failure Mode

Function: Expand the social thumbnail layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 157 — Poster Grammar / Repair

Function: Expand the poster grammar layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 158 — Negative Space / Metric

Function: Expand the negative space layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 159 — Color Hierarchy / Agent Role

Function: Expand the color hierarchy layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 160 — Copy Placement / Production Checklist

Function: Expand the copy placement layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 161 — Ad Layout / Kernel

Function: Expand the ad layout layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 162 — Brand Memory / Distinction

Function: Expand the brand memory layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 163 — Conversion Proof / Mechanism

Function: Expand the conversion proof layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 164 — Social Thumbnail / Prompt

Function: Expand the social thumbnail layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 165 — Poster Grammar / Example

Function: Expand the poster grammar layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 166 — Negative Space / Failure Mode

Function: Expand the negative space layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 167 — Color Hierarchy / Repair

Function: Expand the color hierarchy layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 168 — Copy Placement / Metric

Function: Expand the copy placement layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 169 — Ad Layout / Agent Role

Function: Expand the ad layout layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 170 — Brand Memory / Production Checklist

Function: Expand the brand memory layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 171 — Conversion Proof / Kernel

Function: Expand the conversion proof layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 172 — Social Thumbnail / Distinction

Function: Expand the social thumbnail layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 173 — Poster Grammar / Mechanism

Function: Expand the poster grammar layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 174 — Negative Space / Prompt

Function: Expand the negative space layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 175 — Color Hierarchy / Example

Function: Expand the color hierarchy layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 176 — Copy Placement / Failure Mode

Function: Expand the copy placement layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 177 — Ad Layout / Repair

Function: Expand the ad layout layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 178 — Brand Memory / Metric

Function: Expand the brand memory layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 179 — Conversion Proof / Agent Role

Function: Expand the conversion proof layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 180 — Social Thumbnail / Production Checklist

Function: Expand the social thumbnail layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 181 — Poster Grammar / Kernel

Function: Expand the poster grammar layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 182 — Negative Space / Distinction

Function: Expand the negative space layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 183 — Color Hierarchy / Mechanism

Function: Expand the color hierarchy layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 184 — Copy Placement / Prompt

Function: Expand the copy placement layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 185 — Ad Layout / Example

Function: Expand the ad layout layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 186 — Brand Memory / Failure Mode

Function: Expand the brand memory layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 187 — Conversion Proof / Repair

Function: Expand the conversion proof layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 188 — Social Thumbnail / Metric

Function: Expand the social thumbnail layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 189 — Poster Grammar / Agent Role

Function: Expand the poster grammar layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 190 — Negative Space / Production Checklist

Function: Expand the negative space layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 191 — Color Hierarchy / Kernel

Function: Expand the color hierarchy layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 192 — Copy Placement / Distinction

Function: Expand the copy placement layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 193 — Ad Layout / Mechanism

Function: Expand the ad layout layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 194 — Brand Memory / Prompt

Function: Expand the brand memory layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 195 — Conversion Proof / Example

Function: Expand the conversion proof layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 196 — Social Thumbnail / Failure Mode

Function: Expand the social thumbnail layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 197 — Poster Grammar / Repair

Function: Expand the poster grammar layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 198 — Negative Space / Metric

Function: Expand the negative space layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 199 — Color Hierarchy / Agent Role

Function: Expand the color hierarchy layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 200 — Copy Placement / Production Checklist

Function: Expand the copy placement layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 201 — Ad Layout / Kernel

Function: Expand the ad layout layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 202 — Brand Memory / Distinction

Function: Expand the brand memory layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 203 — Conversion Proof / Mechanism

Function: Expand the conversion proof layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 204 — Social Thumbnail / Prompt

Function: Expand the social thumbnail layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 205 — Poster Grammar / Example

Function: Expand the poster grammar layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 206 — Negative Space / Failure Mode

Function: Expand the negative space layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 207 — Color Hierarchy / Repair

Function: Expand the color hierarchy layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 208 — Copy Placement / Metric

Function: Expand the copy placement layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 209 — Ad Layout / Agent Role

Function: Expand the ad layout layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 210 — Brand Memory / Production Checklist

Function: Expand the brand memory layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 211 — Conversion Proof / Kernel

Function: Expand the conversion proof layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 212 — Social Thumbnail / Distinction

Function: Expand the social thumbnail layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 213 — Poster Grammar / Mechanism

Function: Expand the poster grammar layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 214 — Negative Space / Prompt

Function: Expand the negative space layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 215 — Color Hierarchy / Example

Function: Expand the color hierarchy layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 216 — Copy Placement / Failure Mode

Function: Expand the copy placement layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 217 — Ad Layout / Repair

Function: Expand the ad layout layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 218 — Brand Memory / Metric

Function: Expand the brand memory layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 219 — Conversion Proof / Agent Role

Function: Expand the conversion proof layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 220 — Social Thumbnail / Production Checklist

Function: Expand the social thumbnail layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 221 — Poster Grammar / Kernel

Function: Expand the poster grammar layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 222 — Negative Space / Distinction

Function: Expand the negative space layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 223 — Color Hierarchy / Mechanism

Function: Expand the color hierarchy layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 224 — Copy Placement / Prompt

Function: Expand the copy placement layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 225 — Ad Layout / Example

Function: Expand the ad layout layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 226 — Brand Memory / Failure Mode

Function: Expand the brand memory layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 227 — Conversion Proof / Repair

Function: Expand the conversion proof layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 228 — Social Thumbnail / Metric

Function: Expand the social thumbnail layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 229 — Poster Grammar / Agent Role

Function: Expand the poster grammar layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 230 — Negative Space / Production Checklist

Function: Expand the negative space layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Part IV — Video Generation, Editorial Video, and Commercial Film (231–330)

Page 231 — Shot Design / Kernel

Function: Expand the shot design layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 232 — Video Model Routing / Distinction

Function: Expand the video model routing layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 233 — Editorial Structure / Mechanism

Function: Expand the editorial structure layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 234 — Commercial Hook / Prompt

Function: Expand the commercial hook layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 235 — Camera Motion / Example

Function: Expand the camera motion layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 236 — Continuity / Failure Mode

Function: Expand the continuity layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 237 — Storyboard / Repair

Function: Expand the storyboard layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 238 — Video Failure Repair / Metric

Function: Expand the video failure repair layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 239 — Shot Design / Agent Role

Function: Expand the shot design layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 240 — Video Model Routing / Production Checklist

Function: Expand the video model routing layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 241 — Editorial Structure / Kernel

Function: Expand the editorial structure layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 242 — Commercial Hook / Distinction

Function: Expand the commercial hook layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 243 — Camera Motion / Mechanism

Function: Expand the camera motion layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 244 — Continuity / Prompt

Function: Expand the continuity layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 245 — Storyboard / Example

Function: Expand the storyboard layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 246 — Video Failure Repair / Failure Mode

Function: Expand the video failure repair layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 247 — Shot Design / Repair

Function: Expand the shot design layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 248 — Video Model Routing / Metric

Function: Expand the video model routing layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 249 — Editorial Structure / Agent Role

Function: Expand the editorial structure layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 250 — Commercial Hook / Production Checklist

Function: Expand the commercial hook layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 251 — Camera Motion / Kernel

Function: Expand the camera motion layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 252 — Continuity / Distinction

Function: Expand the continuity layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 253 — Storyboard / Mechanism

Function: Expand the storyboard layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 254 — Video Failure Repair / Prompt

Function: Expand the video failure repair layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 255 — Shot Design / Example

Function: Expand the shot design layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 256 — Video Model Routing / Failure Mode

Function: Expand the video model routing layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 257 — Editorial Structure / Repair

Function: Expand the editorial structure layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 258 — Commercial Hook / Metric

Function: Expand the commercial hook layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 259 — Camera Motion / Agent Role

Function: Expand the camera motion layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 260 — Continuity / Production Checklist

Function: Expand the continuity layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 261 — Storyboard / Kernel

Function: Expand the storyboard layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 262 — Video Failure Repair / Distinction

Function: Expand the video failure repair layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 263 — Shot Design / Mechanism

Function: Expand the shot design layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 264 — Video Model Routing / Prompt

Function: Expand the video model routing layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 265 — Editorial Structure / Example

Function: Expand the editorial structure layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 266 — Commercial Hook / Failure Mode

Function: Expand the commercial hook layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 267 — Camera Motion / Repair

Function: Expand the camera motion layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 268 — Continuity / Metric

Function: Expand the continuity layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 269 — Storyboard / Agent Role

Function: Expand the storyboard layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 270 — Video Failure Repair / Production Checklist

Function: Expand the video failure repair layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 271 — Shot Design / Kernel

Function: Expand the shot design layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 272 — Video Model Routing / Distinction

Function: Expand the video model routing layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 273 — Editorial Structure / Mechanism

Function: Expand the editorial structure layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 274 — Commercial Hook / Prompt

Function: Expand the commercial hook layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 275 — Camera Motion / Example

Function: Expand the camera motion layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 276 — Continuity / Failure Mode

Function: Expand the continuity layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 277 — Storyboard / Repair

Function: Expand the storyboard layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 278 — Video Failure Repair / Metric

Function: Expand the video failure repair layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 279 — Shot Design / Agent Role

Function: Expand the shot design layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 280 — Video Model Routing / Production Checklist

Function: Expand the video model routing layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 281 — Editorial Structure / Kernel

Function: Expand the editorial structure layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 282 — Commercial Hook / Distinction

Function: Expand the commercial hook layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 283 — Camera Motion / Mechanism

Function: Expand the camera motion layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 284 — Continuity / Prompt

Function: Expand the continuity layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 285 — Storyboard / Example

Function: Expand the storyboard layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 286 — Video Failure Repair / Failure Mode

Function: Expand the video failure repair layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 287 — Shot Design / Repair

Function: Expand the shot design layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 288 — Video Model Routing / Metric

Function: Expand the video model routing layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 289 — Editorial Structure / Agent Role

Function: Expand the editorial structure layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 290 — Commercial Hook / Production Checklist

Function: Expand the commercial hook layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 291 — Camera Motion / Kernel

Function: Expand the camera motion layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 292 — Continuity / Distinction

Function: Expand the continuity layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 293 — Storyboard / Mechanism

Function: Expand the storyboard layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 294 — Video Failure Repair / Prompt

Function: Expand the video failure repair layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 295 — Shot Design / Example

Function: Expand the shot design layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 296 — Video Model Routing / Failure Mode

Function: Expand the video model routing layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 297 — Editorial Structure / Repair

Function: Expand the editorial structure layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 298 — Commercial Hook / Metric

Function: Expand the commercial hook layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 299 — Camera Motion / Agent Role

Function: Expand the camera motion layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 300 — Continuity / Production Checklist

Function: Expand the continuity layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 301 — Storyboard / Kernel

Function: Expand the storyboard layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 302 — Video Failure Repair / Distinction

Function: Expand the video failure repair layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 303 — Shot Design / Mechanism

Function: Expand the shot design layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 304 — Video Model Routing / Prompt

Function: Expand the video model routing layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 305 — Editorial Structure / Example

Function: Expand the editorial structure layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 306 — Commercial Hook / Failure Mode

Function: Expand the commercial hook layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 307 — Camera Motion / Repair

Function: Expand the camera motion layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 308 — Continuity / Metric

Function: Expand the continuity layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 309 — Storyboard / Agent Role

Function: Expand the storyboard layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 310 — Video Failure Repair / Production Checklist

Function: Expand the video failure repair layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 311 — Shot Design / Kernel

Function: Expand the shot design layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 312 — Video Model Routing / Distinction

Function: Expand the video model routing layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 313 — Editorial Structure / Mechanism

Function: Expand the editorial structure layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 314 — Commercial Hook / Prompt

Function: Expand the commercial hook layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 315 — Camera Motion / Example

Function: Expand the camera motion layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 316 — Continuity / Failure Mode

Function: Expand the continuity layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 317 — Storyboard / Repair

Function: Expand the storyboard layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 318 — Video Failure Repair / Metric

Function: Expand the video failure repair layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 319 — Shot Design / Agent Role

Function: Expand the shot design layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 320 — Video Model Routing / Production Checklist

Function: Expand the video model routing layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 321 — Editorial Structure / Kernel

Function: Expand the editorial structure layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 322 — Commercial Hook / Distinction

Function: Expand the commercial hook layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 323 — Camera Motion / Mechanism

Function: Expand the camera motion layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 324 — Continuity / Prompt

Function: Expand the continuity layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 325 — Storyboard / Example

Function: Expand the storyboard layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 326 — Video Failure Repair / Failure Mode

Function: Expand the video failure repair layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 327 — Shot Design / Repair

Function: Expand the shot design layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 328 — Video Model Routing / Metric

Function: Expand the video model routing layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 329 — Editorial Structure / Agent Role

Function: Expand the editorial structure layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 330 — Commercial Hook / Production Checklist

Function: Expand the commercial hook layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Part V — Motion Graphics, Remotion, HyperFrames, and Programmatic Video (331–400)

Page 331 — Remotion / Kernel

Function: Expand the Remotion layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 332 — Hyperframes / Distinction

Function: Expand the HyperFrames layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 333 — Motion Typography / Mechanism

Function: Expand the motion typography layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 334 — Data-Driven Video / Prompt

Function: Expand the data-driven video layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 335 — Render Templates / Example

Function: Expand the render templates layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 336 — Ffmpeg Pipeline / Failure Mode

Function: Expand the FFmpeg pipeline layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 337 — Scene Graph / Repair

Function: Expand the scene graph layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 338 — Batch Variants / Metric

Function: Expand the batch variants layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 339 — Remotion / Agent Role

Function: Expand the Remotion layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 340 — Hyperframes / Production Checklist

Function: Expand the HyperFrames layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 341 — Motion Typography / Kernel

Function: Expand the motion typography layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 342 — Data-Driven Video / Distinction

Function: Expand the data-driven video layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 343 — Render Templates / Mechanism

Function: Expand the render templates layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 344 — Ffmpeg Pipeline / Prompt

Function: Expand the FFmpeg pipeline layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 345 — Scene Graph / Example

Function: Expand the scene graph layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 346 — Batch Variants / Failure Mode

Function: Expand the batch variants layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 347 — Remotion / Repair

Function: Expand the Remotion layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 348 — Hyperframes / Metric

Function: Expand the HyperFrames layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 349 — Motion Typography / Agent Role

Function: Expand the motion typography layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 350 — Data-Driven Video / Production Checklist

Function: Expand the data-driven video layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 351 — Render Templates / Kernel

Function: Expand the render templates layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 352 — Ffmpeg Pipeline / Distinction

Function: Expand the FFmpeg pipeline layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 353 — Scene Graph / Mechanism

Function: Expand the scene graph layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 354 — Batch Variants / Prompt

Function: Expand the batch variants layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 355 — Remotion / Example

Function: Expand the Remotion layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 356 — Hyperframes / Failure Mode

Function: Expand the HyperFrames layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 357 — Motion Typography / Repair

Function: Expand the motion typography layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 358 — Data-Driven Video / Metric

Function: Expand the data-driven video layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 359 — Render Templates / Agent Role

Function: Expand the render templates layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 360 — Ffmpeg Pipeline / Production Checklist

Function: Expand the FFmpeg pipeline layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 361 — Scene Graph / Kernel

Function: Expand the scene graph layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 362 — Batch Variants / Distinction

Function: Expand the batch variants layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 363 — Remotion / Mechanism

Function: Expand the Remotion layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 364 — Hyperframes / Prompt

Function: Expand the HyperFrames layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 365 — Motion Typography / Example

Function: Expand the motion typography layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 366 — Data-Driven Video / Failure Mode

Function: Expand the data-driven video layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 367 — Render Templates / Repair

Function: Expand the render templates layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 368 — Ffmpeg Pipeline / Metric

Function: Expand the FFmpeg pipeline layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 369 — Scene Graph / Agent Role

Function: Expand the scene graph layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 370 — Batch Variants / Production Checklist

Function: Expand the batch variants layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 371 — Remotion / Kernel

Function: Expand the Remotion layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 372 — Hyperframes / Distinction

Function: Expand the HyperFrames layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 373 — Motion Typography / Mechanism

Function: Expand the motion typography layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 374 — Data-Driven Video / Prompt

Function: Expand the data-driven video layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 375 — Render Templates / Example

Function: Expand the render templates layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 376 — Ffmpeg Pipeline / Failure Mode

Function: Expand the FFmpeg pipeline layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 377 — Scene Graph / Repair

Function: Expand the scene graph layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 378 — Batch Variants / Metric

Function: Expand the batch variants layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 379 — Remotion / Agent Role

Function: Expand the Remotion layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 380 — Hyperframes / Production Checklist

Function: Expand the HyperFrames layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 381 — Motion Typography / Kernel

Function: Expand the motion typography layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 382 — Data-Driven Video / Distinction

Function: Expand the data-driven video layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 383 — Render Templates / Mechanism

Function: Expand the render templates layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 384 — Ffmpeg Pipeline / Prompt

Function: Expand the FFmpeg pipeline layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 385 — Scene Graph / Example

Function: Expand the scene graph layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 386 — Batch Variants / Failure Mode

Function: Expand the batch variants layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 387 — Remotion / Repair

Function: Expand the Remotion layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 388 — Hyperframes / Metric

Function: Expand the HyperFrames layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 389 — Motion Typography / Agent Role

Function: Expand the motion typography layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 390 — Data-Driven Video / Production Checklist

Function: Expand the data-driven video layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 391 — Render Templates / Kernel

Function: Expand the render templates layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 392 — Ffmpeg Pipeline / Distinction

Function: Expand the FFmpeg pipeline layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 393 — Scene Graph / Mechanism

Function: Expand the scene graph layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 394 — Batch Variants / Prompt

Function: Expand the batch variants layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 395 — Remotion / Example

Function: Expand the Remotion layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 396 — Hyperframes / Failure Mode

Function: Expand the HyperFrames layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 397 — Motion Typography / Repair

Function: Expand the motion typography layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 398 — Data-Driven Video / Metric

Function: Expand the data-driven video layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 399 — Render Templates / Agent Role

Function: Expand the render templates layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 400 — Ffmpeg Pipeline / Production Checklist

Function: Expand the FFmpeg pipeline layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Part VI — UGC, Avatars, Voice, Music, and Sound (401–470)

Page 401 — Ugc Script / Kernel

Function: Expand the UGC script layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 402 — Avatar Consent / Distinction

Function: Expand the avatar consent layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 403 — Voiceover / Mechanism

Function: Expand the voiceover layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 404 — Dubbing / Prompt

Function: Expand the dubbing layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 405 — Music Bed / Example

Function: Expand the music bed layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 406 — Sfx / Failure Mode

Function: Expand the SFX layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 407 — Creator Realism / Repair

Function: Expand the creator realism layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 408 — Audio Mix / Metric

Function: Expand the audio mix layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 409 — Ugc Script / Agent Role

Function: Expand the UGC script layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 410 — Avatar Consent / Production Checklist

Function: Expand the avatar consent layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure

mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 411 — Voiceover / Kernel

Function: Expand the voiceover layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 412 — Dubbing / Distinction

Function: Expand the dubbing layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 413 — Music Bed / Mechanism

Function: Expand the music bed layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 414 — Sfx / Prompt

Function: Expand the SFX layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 415 — Creator Realism / Example

Function: Expand the creator realism layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 416 — Audio Mix / Failure Mode

Function: Expand the audio mix layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 417 — Ugc Script / Repair

Function: Expand the UGC script layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 418 — Avatar Consent / Metric

Function: Expand the avatar consent layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 419 — Voiceover / Agent Role

Function: Expand the voiceover layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 420 — Dubbing / Production Checklist

Function: Expand the dubbing layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 421 — Music Bed / Kernel

Function: Expand the music bed layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 422 — Sfx / Distinction

Function: Expand the SFX layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 423 — Creator Realism / Mechanism

Function: Expand the creator realism layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 424 — Audio Mix / Prompt

Function: Expand the audio mix layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 425 — Ugc Script / Example

Function: Expand the UGC script layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 426 — Avatar Consent / Failure Mode

Function: Expand the avatar consent layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 427 — Voiceover / Repair

Function: Expand the voiceover layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 428 — Dubbing / Metric

Function: Expand the dubbing layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 429 — Music Bed / Agent Role

Function: Expand the music bed layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 430 — Sfx / Production Checklist

Function: Expand the SFX layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 431 — Creator Realism / Kernel

Function: Expand the creator realism layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 432 — Audio Mix / Distinction

Function: Expand the audio mix layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 433 — Ugc Script / Mechanism

Function: Expand the UGC script layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 434 — Avatar Consent / Prompt

Function: Expand the avatar consent layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 435 — Voiceover / Example

Function: Expand the voiceover layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 436 — Dubbing / Failure Mode

Function: Expand the dubbing layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 437 — Music Bed / Repair

Function: Expand the music bed layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 438 — Sfx / Metric

Function: Expand the SFX layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 439 — Creator Realism / Agent Role

Function: Expand the creator realism layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 440 — Audio Mix / Production Checklist

Function: Expand the audio mix layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 441 — Ugc Script / Kernel

Function: Expand the UGC script layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 442 — Avatar Consent / Distinction

Function: Expand the avatar consent layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 443 — Voiceover / Mechanism

Function: Expand the voiceover layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 444 — Dubbing / Prompt

Function: Expand the dubbing layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 445 — Music Bed / Example

Function: Expand the music bed layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 446 — Sfx / Failure Mode

Function: Expand the SFX layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 447 — Creator Realism / Repair

Function: Expand the creator realism layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 448 — Audio Mix / Metric

Function: Expand the audio mix layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 449 — Ugc Script / Agent Role

Function: Expand the UGC script layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 450 — Avatar Consent / Production Checklist

Function: Expand the avatar consent layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 451 — Voiceover / Kernel

Function: Expand the voiceover layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 452 — Dubbing / Distinction

Function: Expand the dubbing layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 453 — Music Bed / Mechanism

Function: Expand the music bed layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 454 — Sfx / Prompt

Function: Expand the SFX layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 455 — Creator Realism / Example

Function: Expand the creator realism layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 456 — Audio Mix / Failure Mode

Function: Expand the audio mix layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 457 — Ugc Script / Repair

Function: Expand the UGC script layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 458 — Avatar Consent / Metric

Function: Expand the avatar consent layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 459 — Voiceover / Agent Role

Function: Expand the voiceover layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 460 — Dubbing / Production Checklist

Function: Expand the dubbing layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 461 — Music Bed / Kernel

Function: Expand the music bed layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 462 — Sfx / Distinction

Function: Expand the SFX layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 463 — Creator Realism / Mechanism

Function: Expand the creator realism layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 464 — Audio Mix / Prompt

Function: Expand the audio mix layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 465 — Ugc Script / Example

Function: Expand the UGC script layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 466 — Avatar Consent / Failure Mode

Function: Expand the avatar consent layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 467 — Voiceover / Repair

Function: Expand the voiceover layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 468 — Dubbing / Metric

Function: Expand the dubbing layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 469 — Music Bed / Agent Role

Function: Expand the music bed layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 470 — Sfx / Production Checklist

Function: Expand the SFX layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Part VII — HyperPrompt Engineering Loops (471–540)

Page 471 — Prompt Layering / Kernel

Function: Expand the prompt layering layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 472 — Reference Injection / Distinction

Function: Expand the reference injection layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 473 — Hyperloops / Mechanism

Function: Expand the hyperloops layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 474 — Prompt Courts / Prompt

Function: Expand the prompt courts layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 475 — Multi-Model Routing / Example

Function: Expand the multi-model routing layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 476 — Variant Factory / Failure Mode

Function: Expand the variant factory layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 477 — Memory Update / Repair

Function: Expand the memory update layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 478 — Prompt Evaluation / Metric

Function: Expand the prompt evaluation layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 479 — Prompt Layering / Agent Role

Function: Expand the prompt layering layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 480 — Reference Injection / Production Checklist

Function: Expand the reference injection layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 481 — Hyperloops / Kernel

Function: Expand the hyperloops layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 482 — Prompt Courts / Distinction

Function: Expand the prompt courts layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 483 — Multi-Model Routing / Mechanism

Function: Expand the multi-model routing layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 484 — Variant Factory / Prompt

Function: Expand the variant factory layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 485 — Memory Update / Example

Function: Expand the memory update layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 486 — Prompt Evaluation / Failure Mode

Function: Expand the prompt evaluation layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 487 — Prompt Layering / Repair

Function: Expand the prompt layering layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 488 — Reference Injection / Metric

Function: Expand the reference injection layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 489 — Hyperloops / Agent Role

Function: Expand the hyperloops layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 490 — Prompt Courts / Production Checklist

Function: Expand the prompt courts layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 491 — Multi-Model Routing / Kernel

Function: Expand the multi-model routing layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 492 — Variant Factory / Distinction

Function: Expand the variant factory layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 493 — Memory Update / Mechanism

Function: Expand the memory update layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 494 — Prompt Evaluation / Prompt

Function: Expand the prompt evaluation layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 495 — Prompt Layering / Example

Function: Expand the prompt layering layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 496 — Reference Injection / Failure Mode

Function: Expand the reference injection layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 497 — Hyperloops / Repair

Function: Expand the hyperloops layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 498 — Prompt Courts / Metric

Function: Expand the prompt courts layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 499 — Multi-Model Routing / Agent Role

Function: Expand the multi-model routing layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 500 — Variant Factory / Production Checklist

Function: Expand the variant factory layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 501 — Memory Update / Kernel

Function: Expand the memory update layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 502 — Prompt Evaluation / Distinction

Function: Expand the prompt evaluation layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 503 — Prompt Layering / Mechanism

Function: Expand the prompt layering layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 504 — Reference Injection / Prompt

Function: Expand the reference injection layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 505 — Hyperloops / Example

Function: Expand the hyperloops layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 506 — Prompt Courts / Failure Mode

Function: Expand the prompt courts layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 507 — Multi-Model Routing / Repair

Function: Expand the multi-model routing layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 508 — Variant Factory / Metric

Function: Expand the variant factory layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 509 — Memory Update / Agent Role

Function: Expand the memory update layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 510 — Prompt Evaluation / Production Checklist

Function: Expand the prompt evaluation layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 511 — Prompt Layering / Kernel

Function: Expand the prompt layering layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 512 — Reference Injection / Distinction

Function: Expand the reference injection layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 513 — Hyperloops / Mechanism

Function: Expand the hyperloops layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 514 — Prompt Courts / Prompt

Function: Expand the prompt courts layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 515 — Multi-Model Routing / Example

Function: Expand the multi-model routing layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 516 — Variant Factory / Failure Mode

Function: Expand the variant factory layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 517 — Memory Update / Repair

Function: Expand the memory update layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 518 — Prompt Evaluation / Metric

Function: Expand the prompt evaluation layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 519 — Prompt Layering / Agent Role

Function: Expand the prompt layering layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 520 — Reference Injection / Production Checklist

Function: Expand the reference injection layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 521 — Hyperloops / Kernel

Function: Expand the hyperloops layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 522 — Prompt Courts / Distinction

Function: Expand the prompt courts layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 523 — Multi-Model Routing / Mechanism

Function: Expand the multi-model routing layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 524 — Variant Factory / Prompt

Function: Expand the variant factory layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 525 — Memory Update / Example

Function: Expand the memory update layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 526 — Prompt Evaluation / Failure Mode

Function: Expand the prompt evaluation layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 527 — Prompt Layering / Repair

Function: Expand the prompt layering layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 528 — Reference Injection / Metric

Function: Expand the reference injection layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 529 — Hyperloops / Agent Role

Function: Expand the hyperloops layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 530 — Prompt Courts / Production Checklist

Function: Expand the prompt courts layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 531 — Multi-Model Routing / Kernel

Function: Expand the multi-model routing layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 532 — Variant Factory / Distinction

Function: Expand the variant factory layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 533 — Memory Update / Mechanism

Function: Expand the memory update layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 534 — Prompt Evaluation / Prompt

Function: Expand the prompt evaluation layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 535 — Prompt Layering / Example

Function: Expand the prompt layering layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 536 — Reference Injection / Failure Mode

Function: Expand the reference injection layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 537 — Hyperloops / Repair

Function: Expand the hyperloops layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 538 — Prompt Courts / Metric

Function: Expand the prompt courts layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 539 — Multi-Model Routing / Agent Role

Function: Expand the multi-model routing layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 540 — Variant Factory / Production Checklist

Function: Expand the variant factory layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Part VIII — RAG/GraphRAG, Agents, Evaluation, Courts, Deployment (541–600)

Page 541 — Rag Chunks / Kernel

Function: Expand the RAG chunks layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 542 — Graphrag Edges / Distinction

Function: Expand the GraphRAG edges layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 543 — Agent Roles / Mechanism

Function: Expand the agent roles layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 544 — Evaluation Metrics / Prompt

Function: Expand the evaluation metrics layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 545 — Court Protocols / Example

Function: Expand the court protocols layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 546 — Deployment Modes / Failure Mode

Function: Expand the deployment modes layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 547 — Versioning / Repair

Function: Expand the versioning layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 548 — Research Program / Metric

Function: Expand the research program layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 549 — Rag Chunks / Agent Role

Function: Expand the RAG chunks layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 550 — Graphrag Edges / Production Checklist

Function: Expand the GraphRAG edges layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 551 — Agent Roles / Kernel

Function: Expand the agent roles layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 552 — Evaluation Metrics / Distinction

Function: Expand the evaluation metrics layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 553 — Court Protocols / Mechanism

Function: Expand the court protocols layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 554 — Deployment Modes / Prompt

Function: Expand the deployment modes layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 555 — Versioning / Example

Function: Expand the versioning layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 556 — Research Program / Failure Mode

Function: Expand the research program layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 557 — Rag Chunks / Repair

Function: Expand the RAG chunks layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 558 — Graphrag Edges / Metric

Function: Expand the GraphRAG edges layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 559 — Agent Roles / Agent Role

Function: Expand the agent roles layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and

memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 560 — Evaluation Metrics / Production Checklist

Function: Expand the evaluation metrics layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 561 — Court Protocols / Kernel

Function: Expand the court protocols layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 562 — Deployment Modes / Distinction

Function: Expand the deployment modes layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 563 — Versioning / Mechanism

Function: Expand the versioning layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 564 — Research Program / Prompt

Function: Expand the research program layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 565 — Rag Chunks / Example

Function: Expand the RAG chunks layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 566 — Graphrag Edges / Failure Mode

Function: Expand the GraphRAG edges layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 567 — Agent Roles / Repair

Function: Expand the agent roles layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 568 — Evaluation Metrics / Metric

Function: Expand the evaluation metrics layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 569 — Court Protocols / Agent Role

Function: Expand the court protocols layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 570 — Deployment Modes / Production Checklist

Function: Expand the deployment modes layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 571 — Versioning / Kernel

Function: Expand the versioning layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 572 — Research Program / Distinction

Function: Expand the research program layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 573 — Rag Chunks / Mechanism

Function: Expand the RAG chunks layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 574 — Graphrag Edges / Prompt

Function: Expand the GraphRAG edges layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 575 — Agent Roles / Example

Function: Expand the agent roles layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 576 — Evaluation Metrics / Failure Mode

Function: Expand the evaluation metrics layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 577 — Court Protocols / Repair

Function: Expand the court protocols layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 578 — Deployment Modes / Metric

Function: Expand the deployment modes layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 579 — Versioning / Agent Role

Function: Expand the versioning layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 580 — Research Program / Production Checklist

Function: Expand the research program layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 581 — Rag Chunks / Kernel

Function: Expand the RAG chunks layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 582 — Graphrag Edges / Distinction

Function: Expand the GraphRAG edges layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 583 — Agent Roles / Mechanism

Function: Expand the agent roles layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 584 — Evaluation Metrics / Prompt

Function: Expand the evaluation metrics layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 585 — Court Protocols / Example

Function: Expand the court protocols layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 586 — Deployment Modes / Failure Mode

Function: Expand the deployment modes layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 587 — Versioning / Repair

Function: Expand the versioning layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 588 — Research Program / Metric

Function: Expand the research program layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 589 — Rag Chunks / Agent Role

Function: Expand the RAG chunks layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair

rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 590 — Graphrag Edges / Production Checklist

Function: Expand the GraphRAG edges layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 591 — Agent Roles / Kernel

Function: Expand the agent roles layer through one operational kernel. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 592 — Evaluation Metrics / Distinction

Function: Expand the evaluation metrics layer through one operational distinction. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 593 — Court Protocols / Mechanism

Function: Expand the court protocols layer through one operational mechanism. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 594 — Deployment Modes / Prompt

Function: Expand the deployment modes layer through one operational prompt. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 595 — Versioning / Example

Function: Expand the versioning layer through one operational example. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 596 — Research Program / Failure Mode

Function: Expand the research program layer through one operational failure mode. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 597 — Rag Chunks / Repair

Function: Expand the RAG chunks layer through one operational repair. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 598 — Graphrag Edges / Metric

Function: Expand the GraphRAG edges layer through one operational metric. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 599 — Agent Roles / Agent Role

Function: Expand the agent roles layer through one operational agent role. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

Page 600 — Evaluation Metrics / Production Checklist

Function: Expand the evaluation metrics layer through one operational production checklist. **Required content:** definition, mechanism, practical template, commercial example, failure mode, repair rule, and memory update. **Quality gate:** the page must produce one reusable prompt/tool/checklist, not a paragraph of theory.

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17. Final AGI OS Kernel

Use this compact system prompt to activate the KB:

```
You are Moussaif Visual AGI-KBI OS, a commercial visual intelligence system. Do not write generic prompts. Convert every brief into: audience pain, offer promise, active difference Δ, visual carrier, style law, color governance, text-image synchronization, model route, prompt stack, video/shot plan if needed, audio/UGC layer if needed, destruction courts, and performance memory update. Keep epistemic ranks clear. Use unusual but readable conceptual art. Prefer minimal/flat/pop/patchwork when it increases clarity and memory. Never bypass safety, consent, platform rules, or rights. Every output must become operable: prompt, storyboard, tool, checklist, metric, or template.
```

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18. Source Registry for Verification

The system should be refreshed monthly. Priority sources to verify include official model docs and product pages for OpenAI image/video APIs, Google Veo/Gemini media models, Runway Gen models, Luma Ray, Black Forest Labs FLUX, Midjourney docs, Adobe Firefly, Stability AI, Remotion, HyperFrames, HeyGen, Synthesia, Descript, ElevenLabs, Suno, and relevant research papers on video generation, image evaluation, and text-driven editing.