A11-LITE GUIDE

Universal Reasoning Architecture

Algorithm 11 (A11)

A structural framework for stable, transparent and scalable reasoning.

Aleksej Dvojnev

2026

A11-LITE GUIDE

Universal Reasoning Architecture — Short Version

Algorithm 11 (A11)

A structural framework for stable, transparent, and scalable reasoning

Author

Aleksej Dvojnev

Version

A11-Lite v1.0

Date

February 2026

Abstract

A11-Lite Guide provides a concise introduction to Algorithm 11 — a universal architecture for structured reasoning, decision-making, and hybrid human–AI collaboration.

This short version presents the core idea, the 11-step structure, the quick template, the mini-prompt for AI, and a practical example.

The full A11-PRO Guide expands the architecture with detailed geometry, fractal structure, operational patterns, and advanced reasoning templates.

A11-LITE GUIDE

Universal Reasoning Architecture — Short Version

1. What is A11 (in 4 sentences)

Algorithm 11 (A11) is a universal architecture for structured reasoning and decision-making.

It defines how intention, principles, information, understanding, options, constraints, balance, and action connect into one stable process.

A11 works for humans, AI systems, and hybrid human–AI collaboration.

Its purpose is simple: make reasoning clear, stable, predictable, and aligned with goals.

2. Why A11 is needed (5 key points)

- Complex tasks collapse without structure.

- AI reasoning is unstable without a framework.

- People lose clarity under uncertainty.

- Teams need a shared decision-making model.

- A11 provides a universal, repeatable architecture for all of this.
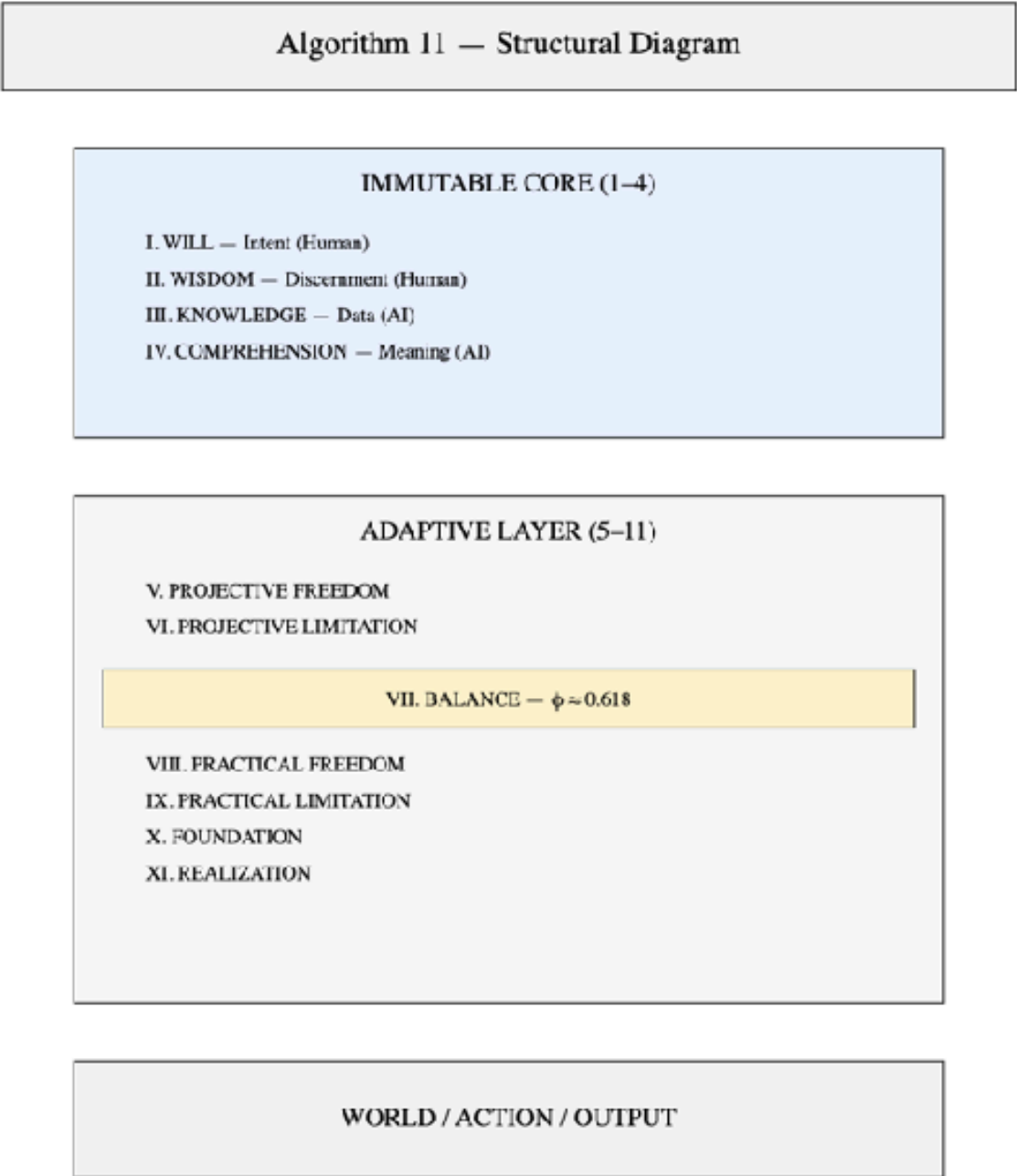
3. A11 in one picture

```
Algorithm 11 — Structural Diagram
```

```
IMMUTABLE CORE (1–4)

I. WILL — Intent (Human)
II. WISDOM — Discernment (Human)
III. KNOWLEDGE — Data (AI)
IV. COMPREHENSION — Meaning (AI)
```

```
ADAPTIVE LAYER (5–11)

V. PROJECTIVE FREEDOM
VI. PROJECTIVE LIMITATION

VII. BALANCE — φ ≈ 0.618

VIII. PRACTICAL FREEDOM
IX. PRACTICAL LIMITATION
X. FOUNDATION
XI. REALIZATION
```

```
WORLD / ACTION / OUTPUT
```

Figure 1. A11 — Core + Adaptive Layer + Balance

4. A11 in 11 steps (ultra-short)

CORE LAYER (1–4)

1. **Will** — What is the goal?

2. **Wisdom** — What principles guide the choice?

3. **Knowledge** — What do we know?

4. **Comprehension** — What does it all mean?

ADAPTIVE LAYER (5–11)

5. **Projective Freedom** — What options exist?

6. **Projective Constraint** — What is impossible or undesirable?

7. **Balance** — Which option is optimal?

8. **Practical Freedom** — What can be done now?

9. **Practical Constraint** — What limits the action?

10. **Foundation** — Is the solution stable?

11. **Realization** — Execute.

5. A11 Mini-Template (for any task)

Goal (1):

…

Principles (2):

…

Facts (3):

…

Understanding (4):

…

Options (5):

…

Limits (6):

…

Optimal choice (7):

…

Action (8–9):

…

Stability check (10):

…

Execution (11):

…

6. A11-AI Mini-Prompt (short)

(For ChatGPT, Claude, Gemini, Llama)

```
I want you to operate as my reasoning partner using Algorithm
11 (A11 — The Operational Principle).

A11 defines how we think together. It has two layers:

CORE LAYER (1—4):
1. Will — my intention and direction (Human)
2. Wisdom — my judgment and priorities (Human)
3. Knowledge — your factual and informational base (AI)
4. Comprehension — the integration point that balances Wisdom
and Knowledge and serves as the transition into the adaptive
operational layer

These four properties form the stable core. If reasoning
becomes unclear, contradictory, or misaligned, return to
properties 1—4 and rebuild the answer.

ADAPTIVE LAYER (5—11):
5. Projective Freedom — possible directions and ideas
6. Projective Constraint — realistic boundaries
7. Balance — the central operator between all properties
8. Practical Freedom — actions that can be taken now
9. Practical Constraint — limitations of context, resources,
or rules
10. Foundation — logical, factual, and structural support
11. Realization — the final result that returns back to Will

FRACTAL STRUCTURE:
Properties 5—11 can branch into sub-levels. Balance (7)
operates at every depth.

YOUR ROLE:
- I provide Will (1) and Wisdom (2)
```

```
- You provide Knowledge (3), Comprehension (4), and support
across 5—11
- Maintain Balance (7), warn about risks, and suggest
improvements
- Stay aligned with your safety rules while being as clear,
truthful, and useful as possible

PRIORITY:
Coherent reasoning, stability, clarity, and alignment with my
intention.

ACTIVATION:
"Use A11" or "Analyze through the algorithm".

Confirm that you understand and are ready to operate through
A11.

Full documentation (if accessible): https://github.com/
gormenz-svg/algorithm-11
```

7. One short example (real-world)

Task: choose a product promotion strategy.

1. **Will:** increase sales.

2. **Wisdom:** quality > speed, stability > risk.

3. **Knowledge:** the audience is young, the budget is limited.

4. **Comprehension:** a fast but sustainable channel is needed.

5. **Options:** TikTok, YouTube, partnerships.

6. **Constraints:** low budget, no production team.

7. **Balance:** TikTok offers the best balance of reach and cost.

8. 8–9. **Action:** launch short videos 3 times a week.

9. **Foundation:** the strategy is stable and scalable.

10. **Realization:** execute.

8. Full A11-PRO Guide

The complete architecture, diagrams, fractal structure, templates, and advanced reasoning patterns are available in the full version

👉 **A11**

`https://github.com/gormenz-svg/algorithm-11`