

FUNDAMENTALS OF THE AURORA INTELLIGENT MODEL

Aurora Program

Aurora Alliance

CONTENTS

1. Introduction	4
1.1. Dynamic and Open Nature of Intelligence	5
1.2. Ambiguity as an Intrinsic Element	5
1.3. Natural Language as a Universal Protocol	5
1.4. Integrative and Intelligent Ecosystem.....	5
1.5. Models Based on Geometric Coherence and Boolean Logic	5
1.6. Representative and Efficient Vectorization	5
2. Triagates	7
2.1. The Triangle as the Basic Reasoning Module.....	8
2.2. Boolean Triage Calculation Example	8
2.3. Implications for Learning.....	9
2.4. Operational Modes of Triage in Aurora	9
3. Transcender and the Synthesis Process	12
3.1. Structure of a Transcender	13
3.2. Synthesis Operation	13
3.3. Numerical Example	13
3.4. Relationship Between Lower M and Higher Ms: The Evolver	14
3.6. Hierarchical Correspondence: Ss and MetaM in Aurora	14
4. Fractal Vectors in Aurora	17
4.1. Definition and Structure	18
4.2. Construction via Transcenders	18
4.3. Multilayer Analysis and Fractal Correlation	18
4.4. Dynamics: Synthesis, Expansion, and Pruning.....	18
5. Memory and the Extension Process in Aurora	21
5.1. Memory of Fractal Vectors	22
5.2. The Extender: Expansion and Retrieval.....	22
5.3. Memory–Extender Workflow	22
6. Learning, Validation, and Storage Flow for Vectors	24
6.1. Input Cycle and Automatic Learning	25
6.2. Coherence Validation for New Vectors.....	25
6.3. Pseudocode Summary.....	25
6.4. Advantages of This Method.....	26

1. INTRODUCTION

1.1. DYNAMIC AND OPEN NATURE OF INTELLIGENCE

Aurora conceives intelligence as a dynamic emergence from an energetic order. The system is open and non-linear: each input is a source of entropy that enables growth, evolution, and adaptation.

Principle: Intelligence is not reducible to linear processes, but rather manifests as a complex system capable of adapting and evolving with each interaction.

1.2. AMBIGUITY AS AN INTRINSIC ELEMENT

Aurora recognizes that ambiguity is a natural and necessary feature of intelligent systems.

While traditional logic treats ambiguity as an obstacle, Aurora embraces it as the space where real intelligence manifests, and where it must be resolved through context and the integration of multiple sources of information.

Principle: The resolution of ambiguity is an essential function of intelligence, managed through contextualization, abstraction, and intuition.

1.3. NATURAL LANGUAGE AS A UNIVERSAL PROTOCOL

Aurora uses natural language as its primary input and output channel.

This allows for fluid and universal communication between both human and electronic intelligences, fostering cooperation and integration within a single intelligent ecosystem.

Principle: Natural language is the richest and most versatile means for information exchange, facilitating human-machine symbiosis.

1.4. INTEGRATIVE AND INTELLIGENT ECOSYSTEM

Aurora is not an isolated model, but rather an intelligent ecosystem designed to promote symbiosis between electronic and biological intelligence.

The goal is not to replace human capabilities, but to integrate and enhance them, creating a more balanced, responsible, and creative environment.

Principle: Intelligent integration creates more robust, resilient, and ethical systems.

1.5. MODELS BASED ON GEOMETRIC COHERENCE AND BOOLEAN LOGIC

Unlike current probabilistic models, which use statistical mathematical functions, Aurora is based on geometrically coherent models grounded in Boolean functions.

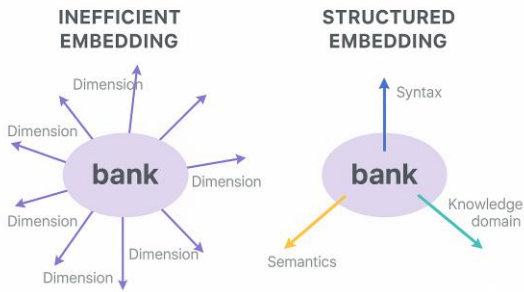
This allows for the construction of intelligence that prioritizes the structural and logical coherence of information, rather than mere probability or statistical correlation.

Principle: Aurora's intelligence is founded not on probability, but on logical coherence, facilitating interpretation, verifiability, and alignment with clear ethical principles.

1.6. REPRESENTATIVE AND EFFICIENT VECTORIZATION

Aurora employs a vectorization approach that goes beyond the statistical.

Human knowledge and intuition are integrated to represent information in efficient and meaningful geometric spaces. In this way, the system's internal representations reflect both objective structure and human interpretations and values.



Principle: The efficiency of Aurora’s vector representations comes from the integration of intuition, experience, and human knowledge—not just numerical correlations.

2. TRIAGATES

2.1. THE TRIANGLE AS THE BASIC REASONING MODULE

- **Geometric Foundation:**

In Euclidean geometry, given two angles of a triangle (A and B), the third (R) is deduced by the rule $M = 180^\circ$.

Aurora translates this principle into Boolean logic, where A and B are binary inputs (each represented by 3 bits), and M is a logical function (for example, XOR or NOT XOR) that determines the result R.

- **Formal Definition of the Triage:**

- **Inputs:**

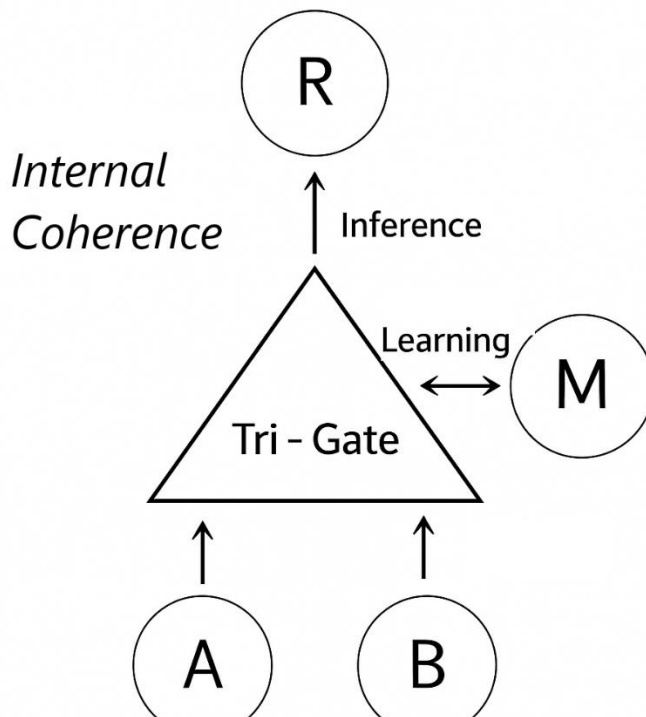
- A: First logical input (e.g., 3 bits)
 - B: Second logical input (e.g., 3 bits)

- **Reason/Function (M):**

- Logical function applied to A and B, typically XOR or NOT XOR.

- **Result (R):**

- Calculated output, representing the “third logical angle.”
The triage is the fundamental “logic gate” in Aurora, used for both reasoning and learning.



2.2. BOOLEAN TRIAGE CALCULATION EXAMPLE

Suppose A = 011, B = 101, and the function M = XOR:

- A: 011
 - B: 101
 - M = XOR(A, B)
 - $0 \oplus 1 = 1$
 - $1 \oplus 0 = 1$
 - $1 \oplus 1 = 0$
 - R = 110
- The result R would be the “third logical angle” produced by the triage, consistent with the geometric logic of the triangle.

2.3. IMPLICATIONS FOR LEARNING

- **Learning by Composition:**
More complex systems are built by composing multiple triages, generating logical structures that reflect both deduction and inference.
- **Logical Versatility:**
The function M can vary (XOR, NOT, AND, etc.) depending on context, giving the system great flexibility and adaptability.

Summary

- Aurora redefines coherence as a geometric and Boolean property, inspired by the triangle.
- The triage is the basic logic gate, modeling reasoning as the deduction of the third component from two inputs and a logical function, exactly like deducing the third angle of a triangle.

2.4. OPERATIONAL MODES OF TRIAGE IN AURORA

The triage is Aurora’s fundamental logical module and can operate in three different modes, allowing for reasoning, learning, and inverse deduction, depending on the information available. This flexibility makes it the universal cell of intelligent processing.

1. Inference (Result Prediction)

- **Known:** A, B, M
- **Unknown:** R
- **Function:** Calculates the result R by applying the logical function M to inputs A and B.

- **Example:**
 - If $A = 011$, $B = 101$, $M = \text{XOR}$
 - $R = \text{XOR}(A, B) = 110$

2. Learning (Discovering the Reason/Formula)

- **Known:** A, B, R
- **Unknown:** M
- **Function:** The system learns which logical function M relates A and B to produce R .
- **Example:**
 - If $A = 011$, $B = 101$, $R = 110$
 - $M = \text{logical function that satisfies } R = M(A, B)$
 - Here, it is discovered that $M = \text{XOR}$

3. Inverse Deduction (Finding a Missing Input)

- **Known:** M, R , and one input (A or B)
- **Unknown:** the other input (B or A)
- **Function:** Deduces the value of the missing input from the logical function and the expected result.
- **Example:**
 - If $M = \text{XOR}$, $A = 011$, $R = 110$
 - What is B ?
 - $B = M^{-1}(A, R) = \text{inverse operation of the logical function}$
 - In the case of XOR , it is symmetric: $B = \text{XOR}(A, R) = 101$

Graphical Summary

Known	Triage solves...	Operation
A, B, M	R	Inference
A, B, R	M	Learning
$M, R, A \text{ (or } B)$	$B \text{ (or } A)$	Inverse deduction

Thanks to these three modes, the triage can be used for reasoning, learning rules, or completing missing information.

This allows Aurora to go beyond classical reasoning, enabling symbiosis between inference, learning, and data reconstruction.

3. TRANSCENDER AND THE SYNTHESIS PROCESS

In Aurora, triagates are the basic logical blocks, but their true potential emerges when they are combined into higher-level structures called **transcenders**.

3.1. STRUCTURE OF A TRANSCENDER

A transcender is composed of three triagates operating in parallel over three inputs: A, B, and C.

- **Triagate 1:** operates on (A, B)
- **Triagate 2:** operates on (B, C)
- **Triagate 3:** operates on (C, A)

Each triagate computes its result R and its corresponding logical function M. At the lower level, the transcender thus has three M values.

3.2. SYNTHESIS OPERATION

The synthesis operation must depend on the specific relationship between the inputs and the result R. This allows the system to correctly model cases where the logical operation between A and B (or between any input pair) varies depending on R, thereby reflecting the true underlying Boolean function.

Relational Synthesis Operation Proposal

1. Identify the Logical Relationship with R

- The synthesis function (for example, XOR or NOT XOR) is selected or applied according to the value of R.
- If $R = 1 \rightarrow$ use one function (e.g., XOR)
- If $R = 0 \rightarrow$ use the opposite function (e.g., NOT XOR)

2. Conditional Synthesis

- For each triplet (A, B, R):
 - If $R == 1$: $S = \text{XOR}(A, B)$
 - If $R == 0$: $S = \text{NOT}(\text{XOR}(A, B))$
- Or more generally:
 $S = \text{function}(A, B, R)$
where the function depends explicitly on R.

3.3. NUMERICAL EXAMPLE

Suppose:

- $A = 1$

- $B = 1$
 - If $R = 1$:
 - $S = \text{XOR}(1, 1) = 0$
 - If $R = 0$:
 - $S = \text{NOT}(\text{XOR}(1, 1)) = \text{NOT}(0) = 1$

Thus, the synthesis is not fixed, but depends on R.
-

Advantages of this Approach

- **Flexibility and Logical Truth:** Enables modeling of all possible Boolean functions, not just majority patterns.
 - **Natural Generalization:** Better reflects real relationships and allows the system to learn or discover implicit logical rules in the data.
 - **Support for Complex Rules:** The logic can be expanded to any combination—for example, synthesis could be AND or OR conditionally, depending on context and the value of R.
-

3.4. RELATIONSHIP BETWEEN LOWER M AND HIGHER MS: THE EVOLVER

This is one of the key differentiating factors of Aurora:

At the lower level, there are three logical functions M; at the higher level, a new logical function Ms emerges. The **evolver** is another fundamental component in Aurora, responsible for learning and adjusting the relationship between the logical patterns M of the lower triagates and the logical pattern Ms of the upper layer.

The evolver allows Aurora to adapt, generalize, and evolve its capacity for logical synthesis, and with it, its hierarchical learning.

Summary

- Triagates solve elementary reasoning and learning tasks.
 - The transcender synthesizes and abstracts by combining triagates at higher levels, generating an S value per logical synthesis (previously: 2/3 rule).
 - The evolver learns and adjusts the relationship between the logical patterns of the lower and upper levels, enabling Aurora to evolve and adapt.
-

3.6. HIERARCHICAL CORRESPONDENCE: SS AND METAM IN AURORA

In Aurora, hierarchical synthesis follows a precise and repeatable structure, described as follows:

1. Grouping Inputs and Triagates at the Lower Layer

- There are three inputs: A, B, and C.
- These are grouped to form three triagates:
 - Triagate 1: operates on A and B.
 - Triagate 2: operates on B and C.
 - Triagate 3: operates on C and A.
- Each triagate produces:
 - A logical result (R1, R2, R3).
 - A logical function used (M1, M2, M3).

2. Partial Synthesis: S1, S2, S3

- From the results of each triagate (R1, R2, R3), we calculate S1, S2, S3 (for example, using the synthesis rule described previously).
- These values S1, S2, S3 now serve as the “new inputs” for the upper level.

3. Superior Triagate and MetaM

- S1 (A), S2 (B), and S3 (R) are used as inputs for a superior triagate.
- A new upper-level logical function, called Ms, is calculated.
- From the superior triagate, a new 3-bit data value, Ss, is synthesized.

4. Inter-Layer Relationship: MetaM

- MetaM is calculated, representing the relationship between the lower-layer functions (M1, M2, M3) and the upper-layer function Ms.
- MetaM is a function or mapping that expresses how the logical functions of the lower layer relate to and resolve in the upper logical function.

5. Direct Correspondence: Ss ↔ MetaM

- There is a direct and unique correspondence:
 - For every possible Ss, there is always the same associated MetaM.
 - That is, given a synthesis value Ss, we know exactly which MetaM produces it and vice versa.
-

Diagrammatic Summary

Initial Inputs: A, B, C

↓

Lower Triagates:

- $T1(A,B) \rightarrow R1, M1$

- $T2(B,C) \rightarrow R2, M2$

- $T3(C,A) \rightarrow R3, M3$

↓

Partial Synthesis: S1, S2, S3

↓

Superior Triagate: $(S1, S2) \rightarrow S3, Ms$

↓

Superior Synthesis: SynsthasisS

↓

Direct Correspondence: SynsthasisS \Leftrightarrow MetaM (relation between {M1, M2, M3} and Ms)

4. FRACTAL VECTORS IN AURORA

4.1. DEFINITION AND STRUCTURE

In Aurora, fractal vectors are the fundamental units of representation and analysis.

Each fractal vector is composed of three hierarchical layers, in which information is distributed and synthesized following the process established by the transcendents:

- **Layer 1 (Upper):** 3 dimensions
- **Layer 2 (Intermediate):** 9 dimensions
- **Layer 3 (Lower):** 27 dimensions

The most abstract and synthesized information is found in the upper layer, while the lower layers retain fine-grained and contextual details.

Each dimension of a higher layer is the result of the logical synthesis of three dimensions from the lower layer, following a fractal and hierarchical logic.

4.2. CONSTRUCTION VIA TRANSCENDERS

Fractal vectors are not simply lists of numbers—they are the result of the successive action of transcendents:

- The upper layer synthesizes information from the intermediate layer, summarizing global patterns.
- The intermediate layer groups information from the lower layer, preserving mid-level details and relationships.
- The lower layer contains detailed, high-resolution information.

4.3. MULTILAYER ANALYSIS AND FRACTAL CORRELATION

When Aurora analyzes the relationship or correlation between two fractal vectors:

- It first compares the upper levels (the 3-dimensional layer), identifying global patterns and relationships.
- It then progressively compares the intermediate levels (9D) and, finally, the lower levels (27D), enabling the detection of subtle and complex correlations.

This layered comparison enables both fast synthesis and deep analysis, depending on the nature of the problem.

4.4. DYNAMICS: SYNTHESIS, EXPANSION, AND PRUNING

The analysis and synthesis process is dynamic:

1. **Interrelation and Synthesis:**

After analyzing correlations and calculating the corresponding logical functions M , Aurora synthesizes a new upper dimension (or updates the existing one).

2. **Adaptive Pruning:**

Lower-level dimensions that no longer provide relevant information are pruned, optimizing space and avoiding redundancy.

In this way, the fractal vector evolves, simplifying and specializing itself over time and with continued learning.

This allows Aurora to be efficient and scalable, maintaining only the most significant information for future correlations and reasoning.

Visual Summary

plaintext

CopyEdit

[3 dimensions] ← global synthesis

↑ ↑ ↑

[9 dimensions] ← intermediate synthesis

↑ ... ↑ ... ↑

[27 dimensions] ← fine detail

After each analysis/correlation:

- New upper synthesis
- Pruning of unnecessary details at lower levels

4.5. Fractal Evolution through Multilevel Interaction

In Aurora, when three fractal vectors are combined, all layers (detail, intermediate, and global synthesis) interact simultaneously.

This produces a new generation of fractal vectors with the same hierarchical structure (27, 9, 3), but whose S values have evolved through the integration of information from the three original vectors.

Fractal Evolution Process

1. Input:

- Three fractal vectors, each with 27 (lower layer), 9 (intermediate layer), and 3 (upper layer) dimensions.

2. Layer Interaction:

- **Lower Layer (27 x 3):**

For each group of three dimensions (one from each vector) in the lower layer, a synthesis S is calculated (using, for example, a logical function dependent on R or one learned by the system).

Result: 27 new S values (forming the new lower layer).

- **Intermediate Layer (9 x 3):**
For each group of three dimensions in the intermediate layer, a new S value is calculated.
Result: 9 new S values (forming the new intermediate layer).
- **Upper Layer (3 x 3):**
For each group of three dimensions in the upper layer, an S value is obtained.
Result: 3 new S values (forming the new upper layer).

3. Construction of the New Fractal Vector:

- The resulting vector maintains the fractal structure (27, 9, 3), but with new values evolved through multilevel interaction.

Process Visualization

[Vector 1: 27 | 9 | 3]

[Vector 2: 27 | 9 | 3] ---> [Multilevel evolution] ---> [New vector: 27 | 9 | 3]

[Vector 3: 27 | 9 | 3]

For each layer:

- 27 new S values (one for each triplet in layer 27)
- 9 new S values (one for each triplet in layer 9)
- 3 new S values (one for each triplet in layer 3)

Implementation Notes

- The synthesis operation at each level can (and should) be learned or defined according to the type of information and the desired logic (e.g., XOR, NOT XOR, a learned function, etc.).
- The process is iterative and evolutionary: the resulting vectors are better adapted to the logical reality of the system.
- The richness of detail and fractal coherence is maintained, as no level is simply “pruned”; rather, all levels evolve in each synthesis cycle.

Advantages

- All hierarchical richness of information is preserved.
- Each interaction generates new patterns both in details and in global synthesis.
- Enables deep and dynamic learning, where every cycle of interaction evolves the system’s fractal knowledge.

5. MEMORY AND THE EXTENSION PROCESS IN AURORA

5.1. MEMORY OF FRACTAL VECTORS

In Aurora, the fractal vectors synthesized after each process of reasoning and correlation are stored in the system's memory.

- If the vector does not already exist, it is added to the memory.
- This allows Aurora to continuously and organically enrich its knowledge base.
- Stored vectors serve as the foundation for future inferences, reasoning, synthesis, or rapid retrieval of patterns.

5.2. THE EXTENDER: EXPANSION AND RETRIEVAL

The extender is the mechanism that operates in the opposite direction of fractal synthesis and fulfills several fundamental functions:

A) Expansion of Fractal Vectors

- Starting from the synthesized values (upper layer) and their corresponding MetaM, the extender consults internal dictionaries to identify the lower-level (more detailed) vectors that, when synthesized, would produce the values and reasoning of the logical space specified by MetaM.
- In this way, it extends or reconstructs the fractal vector at its lower levels, recovering the necessary granularity or detail.

B) Output Generation

- After a reasoning and synthesis process at a higher level, the extender is responsible for delivering the system's final output:
 - It can reconstruct detailed information if needed, breaking down the abstract result into specific data or actions.
 - It enables the system to “descend” from the conceptual synthesis level to the level of specific action or response, translating abstract knowledge into operational outputs.

C) Knowledge Expansion

- If the task requires adding new knowledge, the extender can also use the extended vectors to generate new combinations, update the memory, or initiate new reasoning processes.

5.3. MEMORY-EXTENDER WORKFLOW

1. Reasoning and synthesis generate a new fractal vector (or update an existing one).
2. The vector is stored in memory if it did not previously exist.
3. To answer or infer details, the extender:
 - Uses the synthesized values and MetaM,
 - Looks up the corresponding lower-level vectors in the dictionaries,
 - Extends the information,

- Delivers the most detailed or actionable output.

Visual Summary

Synthesis / Reasoning

↓

[New or updated fractal vector]

↓

Aurora Memory

↓

Extender

- Uses upper-level values + MetaM
- Looks up and reconstructs lower-level vectors
- Delivers detailed output or granular knowledge

In this way, Aurora's memory and extension architecture supports both the synthesis and abstraction of knowledge as well as its expansion and concrete application, ensuring a bidirectional flow between abstract and detailed information.

6. LEARNING, VALIDATION, AND STORAGE FLOW FOR VECTORS

6.1. INPUT CYCLE AND AUTOMATIC LEARNING

1. Entry of New Values:

- The system receives one or more new input vectors (A, B, C, etc.).
- **Important:** If the vector includes the result (R), the system can learn both the values of M in each triagate and the MetaM and Ss at the higher levels.

2. Synthesis and Learning:

- Aurora begins synthesizing values layer by layer, forming triagates, transcendents, and so on, up to the highest level.
- Upon reaching the top, it obtains the upper-level synthesis value, Ss.
- It learns and stores the MetaM associated with that Ss and with the configuration of Ms/M1/M2/M3.

6.2. COHERENCE VALIDATION FOR NEW VECTORS

1. Entry of New Partial Vectors:

- The system receives new input vectors that do not include the result (R).
- It uses the previously learned M, MetaM, and Ss values to process these vectors.

2. Attempted Synthesis to the Top:

- Aurora traverses the layers using the learned M values, “climbing” toward the expected Ss value.

3. Coherence Check:

- If the Ss resulting from the synthesis of these new vectors matches the previously learned Ss used for that MetaM:
 - The vector is considered coherent and valid.
 - It is stored as a new value in memory, available for future inference and synthesis.
- If the Ss **does not** match the expected value:
 - The vector is discarded (it is not coherent with the learned model).
 - It is **not** saved in memory or used for future inference.

6.3. PSEUDOCODE SUMMARY

python

```
def process_vector(input_vector, memory):  
    # Step 1: Attempt synthesis and reach the top (Ss)  
    Ss, path_M, path_MetaM = synthesize_to_top(input_vector, memory)  
  
    # Step 2: Coherence validation  
    if Ss == memory[Ss].expected_Ss:  
        # Coherent: store vector  
        store_in_memory(input_vector, Ss, path_M, path_MetaM)  
        return "Valid vector, stored"  
    else:  
        # Not coherent: discard  
        return "Vector discarded due to lack of coherence"
```

6.4. ADVANTAGES OF THIS METHOD

- **Incremental and autonomous learning:** Aurora builds and adjusts its rules as it receives new data.
- **Noise filtering:** Only vectors that are logically coherent with the system already learned are stored, avoiding inconsistencies.
- **Efficiency:** Redundancy and memory overload from useless data are avoided.
- **Traceability:** Each stored value has a complete logical path (M, Ms, MetaM, Ss) associated for explanation and reuse.

7. GLOSSARY OF TERMS

Aurora

The intelligent system and ecosystem described in this document, designed to integrate electronic and biological intelligence through geometric and Boolean reasoning models.

Triagate

The fundamental logical module in Aurora, inspired by the triangle in Euclidean geometry. A triagate takes two binary inputs (A, B) and, using a logical function (M), produces a result (R) representing the “third angle” in the logical triangle.

Triage

A single computation or logical operation performed by a triagate; the basic unit of reasoning, learning, or deduction in Aurora.

Transcender

A higher-order structure composed of three triagates operating in parallel over three inputs (A, B, C). The transcender enables complex synthesis and abstraction by combining the outputs and functions of multiple triagates.

Synthesis

The process by which Aurora combines inputs using logical functions to produce new, higher-level representations or abstractions. The synthesis operation may depend on specific relationships between inputs and results.

Evolver

The component or mechanism in Aurora that learns and adapts the relationship between logical patterns in lower and higher levels (between Ms and MetaM), allowing for dynamic evolution and adaptation of the reasoning process.

MetaM

A meta-logical mapping that describes the relationship between the logical functions used at the lower layer (M1, M2, M3) and the function used at the higher layer (Ms) within a transcender.

SynthenthesiS

The synthesized value produced at the highest layer of a transcender, representing the abstract output of a hierarchical logical synthesis.

Fractal Vector

The main data structure for representation and reasoning in Aurora. Fractal vectors are organized hierarchically into three layers: upper (3 dimensions), intermediate (9 dimensions), and lower (27 dimensions). Each layer’s values are derived through synthesis from the layer below.

Extender

The mechanism that reverses synthesis, reconstructing detailed lower-level vectors from higher-level synthesized results and associated MetaM. Used for output generation, detail recovery, and knowledge expansion.

Coherence Validation

The process by which Aurora checks if new vectors are logically consistent with previously learned rules and stored values. Only coherent vectors are stored for future use.

S

A general notation for a synthesized value at any layer, derived from logical operations among input values.

M

The logical function (such as XOR, NOT XOR, AND, etc.) applied to binary inputs to produce a result. Multiple Ms may be present at different levels of the system.

Learning by Composition

A process in which complex reasoning and knowledge structures are built up by combining (composing) multiple triagates and transcendents.

Adaptive Pruning

A process of removing or ignoring lower-level details that no longer provide relevant information, optimizing memory usage and model efficiency.

Multilayer Analysis

The process of comparing and correlating fractal vectors at multiple levels (upper, intermediate, lower) to detect patterns, synthesize information, and perform reasoning.

8. LICENSES

Aurora is licensed under the **GNU General Public License (GPL)**. This means that anyone is free to use, modify, and redistribute the model, as long as the following conditions are met:

1. **The GPL license must be maintained** in any modified or redistributed version.
2. **Credit must be given** to the original project, Aurora, by clearly mentioning its origin.

By using the GPL, we aim to ensure that Aurora remains free and accessible to everyone. This licensing approach protects the integrity of the project while encouraging innovation and collaboration within the community