

Immanuel Kant

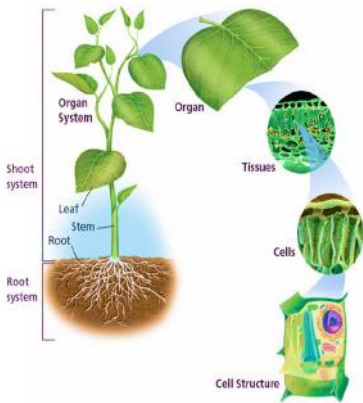
Theology.

The Creation of Complex Organisms,
The Theory of Systems.

<https://youtu.be/fwD1FksjZoI>



THEOLOGY: ARTICULATING SYSTEMS THAT LEVERAGE RESOURCES



Theology is the science that studies God, **an evolutionary will that creates complex organisms integrating different specialized systems** into a coherent whole, process is traced in the DNA. *Each system coordinates and organizes ecosystems of heterogeneous natures following an scheme that allow to naturally incorporate new capabilities to face future challenges that his unstoppable evolution will bring.*

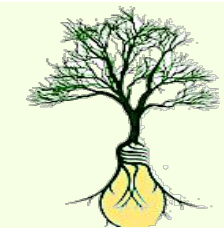
The study of complex organisms demands to programmatically order systems that articulate all his life cycles: the theoretical part of Information Sciences, first mention by Plato in his *Eidos Theory* (archetypes or articulation schemes), improved by Aristotle in his *Theory of Universals*, recue back by Kant in his "Rational Theology".

SYNTHESIS – MAIEUTIC PROCESS: A UNIVERSAL SYSTEM - PRINCIPLES OF HARMONY

Principles of harmony rules the integration of systems into a coherent whole. Order and good rhythm coordinates an entire aeronautic infrastructure in the creation of the flight value, assigning roles and time frames to each component and an end goal for the entire system; establishing **schemes** of needs as imperatives to obey for the ecosystem to flourish. These rules can be located in musical composition masterpieces, such "Art of the Fugue" or "Mass in B minor" of Johann Sebastian Bach.



HIDDEN ESSENCE
IMMUTABLE
IMPERATIVES:
META-STRUCTURES



What to do? – The Problem, Creational Archetype – Values Articulation Scheme: skeleton of vital systems that create, orchestrate and choreograph the basic value that allow a life style to flourish, establishing the scheme of roles for ecosystems ordering and growth. For Western Culture, *Representational Government scheme of roles* is producing the required authority forces to validate property principle across territories. For Egyptian Culture, Gods scheme of roles was producing the human working forces required to handle the biorhythms of Nile river.



How to do? – The Vision, Types, Stratification – Resources Leveraging Infrastructures: cells are organized in tissues; tissues are organized in organs... and so on until a complex organism is created. In a Russian doll fashion, each aggregation level coordinates entirely different operation infrastructure in the creation of aggregated forms of the same value. Same value, same creation needs, same categories of systems to solve them in all strata, although operation infrastructure is so different that it is very hard to see that they actually are the same systems.

ANALYSIS – DIALECTIC CYCLE: UNIQUE INFRASTRUCTURES - INFORMATION SCIENCES

Information sciences describes the consequences of all these schemes, the analysis of infrastructure dynamics to establish governance strategies capable to solve ecosystem needs based on standards (validated technologies). For civilizations, the Moral Sciences that locate decision structures for all human ecosystems and educate the required skills for them, the ability to create schemes of priorities by an exact calibration of the value of each individual thing.



VISIBLE SHAPE
CHAMELEONIC
GOVERNANCE:
INFRASTRUCTURE



Discernment cycle progressively stand the blueprints of life cycles to calibrate best strategies and policies to solve the constellation of needs of each situation:

- 1.- Architecture, Sociology:** the creation of wealth, the productive structures and system of prices as signaling mechanism that coordinate the entire productive system. Signaling requires a monetary system as language for exchange.
- 2.- Dynamics, Micro-economy:** the distribution of wealth, trade, the commercial routes and associated accounting system.
- 3.- Design, Psychology:** productive tissue creation, human education.
- 4.- Deployment, Macro-economy:** collective savings and resources, the capital and associated financial system.

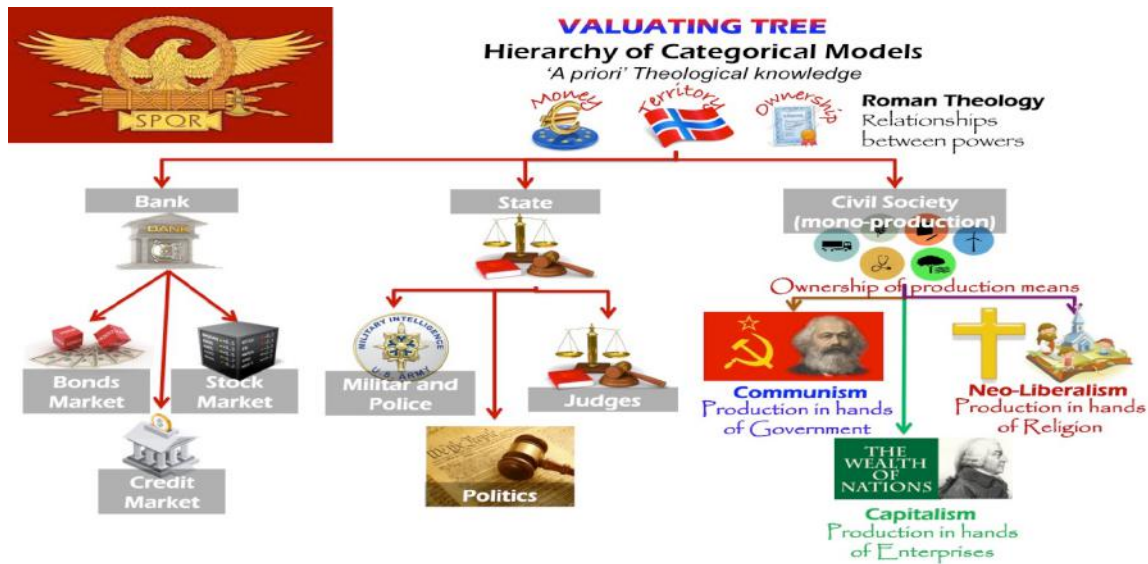


ARCHITECTURAL STYLE... EXAMPLE: SYMBOL OF THE ROMAN CULTURE.

Below the Roman Republic creational archetype, the scheme of roles that evolved from Servio Tulio census into representational governments. The articulation scheme that creates and organizes the authority forces to ensure property principle across territories, creating the Western Culture life style.

Civilizational cycle start with precious metals mining (such gold, today oil), the source of money to pay the legions capable to extend the network of representational governments that impose a mono-production based economy ensuring a money dependency that close civilizational cycle. The property over these colonial mines evolves towards a federation of central banks with a master head in Bank for International Settlements (BIS) in Basilea (Swissland).

A different type of government for each representational stratum: from towns and cities, up to international rules for property over Earth's natural resources, keeping same structure of life cycles and relationships across aggregation levels.



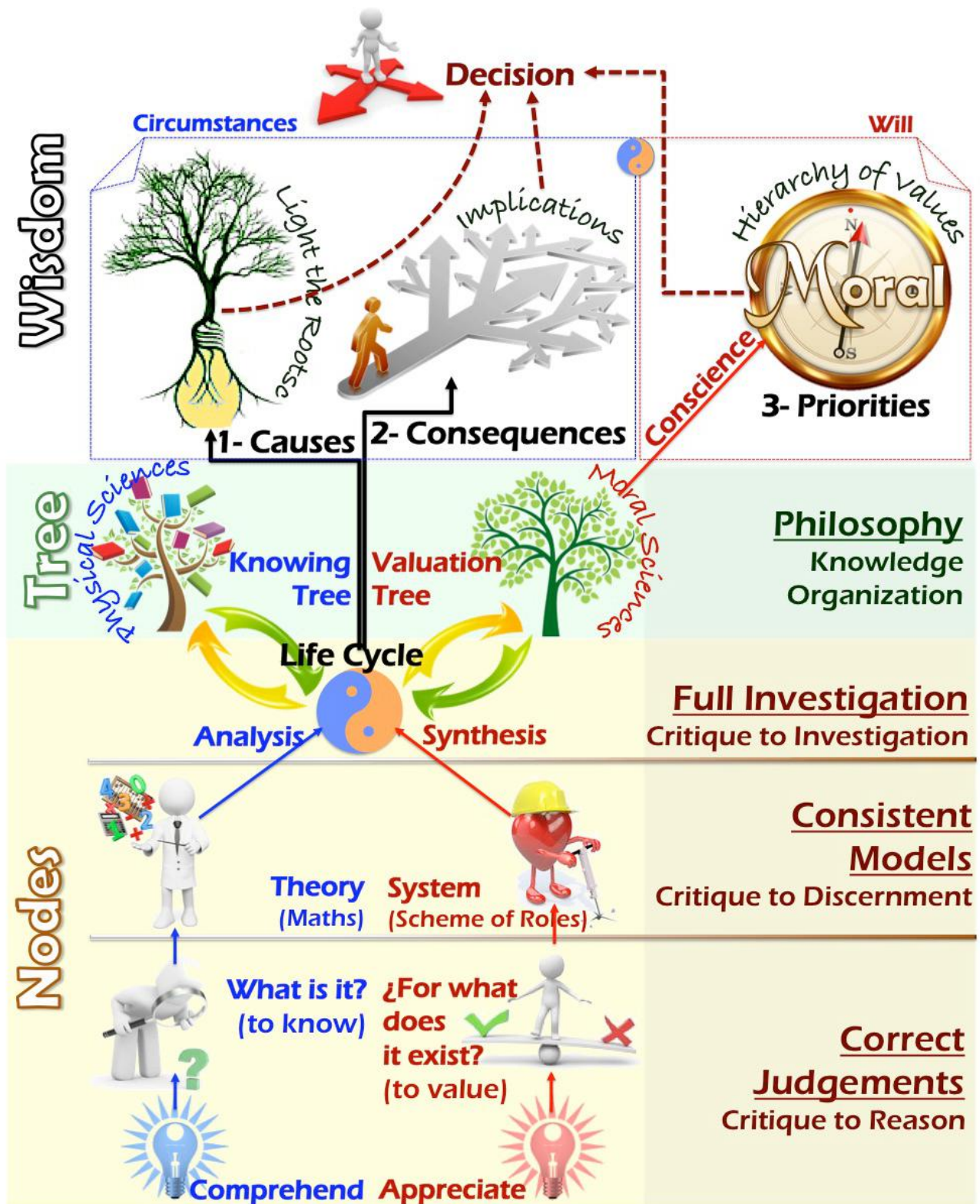
| Power | | Theological Categories – Property Creational Scheme |
|-----------|--|--|
| Money | | Orchestration: Finance... wealth accounting and distribution: <ul style="list-style-type: none"> ○ <u>Weapons</u>: Bonds Market, Central Banking. ○ <u>Stocks</u>: Stocks Market, Investment Banking. ○ <u>Savings</u>: Financial Market, Commercial Banking. |
| Territory | | Creation: Government... population ordering by ownership. <ul style="list-style-type: none"> ○ <u>Military and Police</u>: Intelligence and Troops. ○ <u>Judicature</u>: jurisdictions system. ○ <u>Politics</u>: parties. |
| Property | | Choreography: Enterprise... wealth creation through complex industries based on a DNA of recommendations that consolidate production under a common system model. Secret DNA consolidates monopolies, one or several competing systems: <ul style="list-style-type: none"> ○ <u>Company</u>: social working forces. ○ <u>Land</u>: space with its contents. |

Relationship between Powers (articulating property value)

- ✚ **Money rules due to the existence of a mono-production based economy:** you can't survive among one product, therefore, you need to sell, that leave the entire productive system in hands of moneymakers... British trading network and the associated banking information agents.
- ✚ **Mono-production exists due to the military forces that ensure the property license principle:** governments are created to ensure the structure of the economic system as mono-productions.



KANT: LOGICAL META-STRUCTURES



Note: Analyses are samples of a life cycle; they get meaning once they are organized following an interpretational system capable to articulate and predict that life cycle. In other words, the value of each individual analysis will be determined by the role he plays within a hierarchical scheme of values.



KANT: LOGICAL META-STRUCTURES

PURE REASON To KNOW WHAT IS IT?

Space-Time:
Mathematical Models capable
to describe
Phenomena.

PRACTICAL REASON To VALUE FOR WHAT DOES IT EXISTS?

Information:
System Models capable
to articulate (orchestrate &
integrate) Life Cycles.



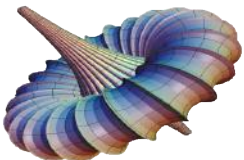
Correct Knowledge...
exact analysis or
a phenomenon.

- **Mathematical Model** able to reproduce and predict a phenomenon.
- **Cause-Effect Law:** understand causal law of phenomena.



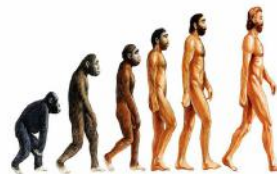
Correct Valuation...
calibration or
exact synthesis
of a
circumstance.

- **System Model** scheme of roles capable reproduce and predict a life cycle.
- **Jesus Christ Law:** enhance their own and genuine reason to be of leveraged resources.



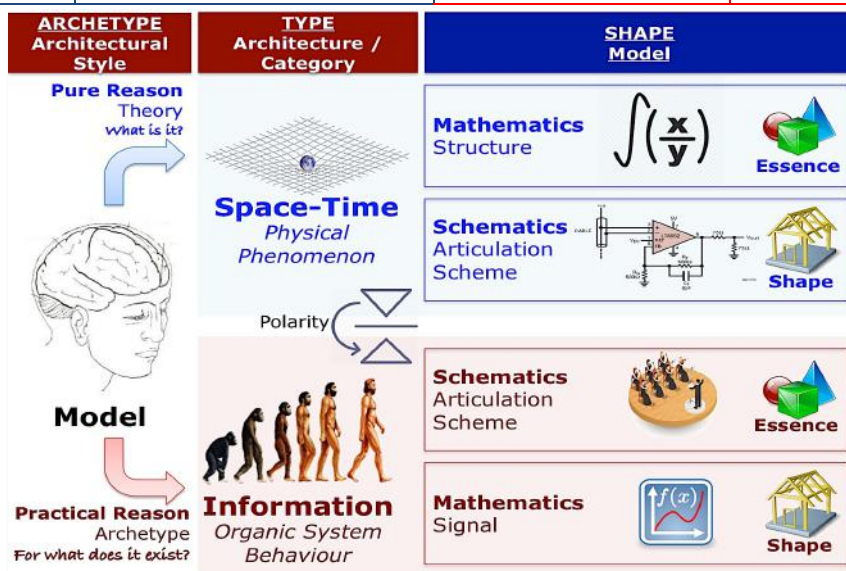
Mathematical Model

Scientific Method:
observation of the
phenomena until
you are able to
create a
mathematical model
that reproduce and
predict them.



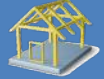
System Model

Genealogical Method: observation of genesis and evolution of life cycles until you are able to articulate the system that reproduce and predict them.





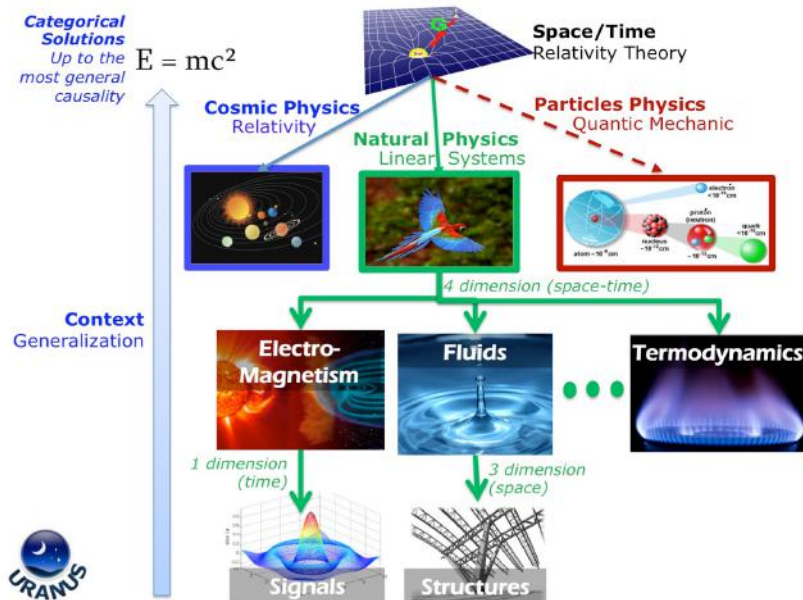
KNOWING TREE



PRINCIPLES OF RELATIVITY & PHYSICAL SCIENCES

LANGUAGE: MATHEMATICS

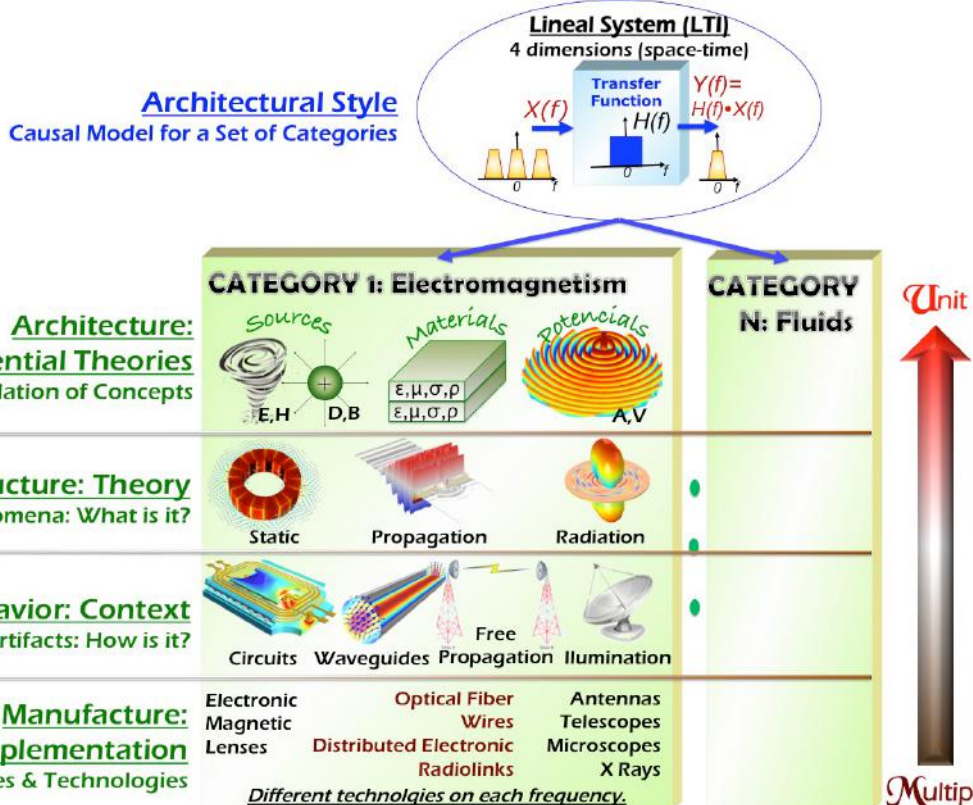
KNOWING TREE: Hierarchical network of knowing categories, which describe space-time.



Space-Time Description

Uranus: The Principles of Relativity

KNOWING CATEGORY: set of referential concepts and the associated mathematical models, which describe all his phenomenology, structured in three layers: What is it? How is it? and implementation technologies.





THEOLOGICAL TREE

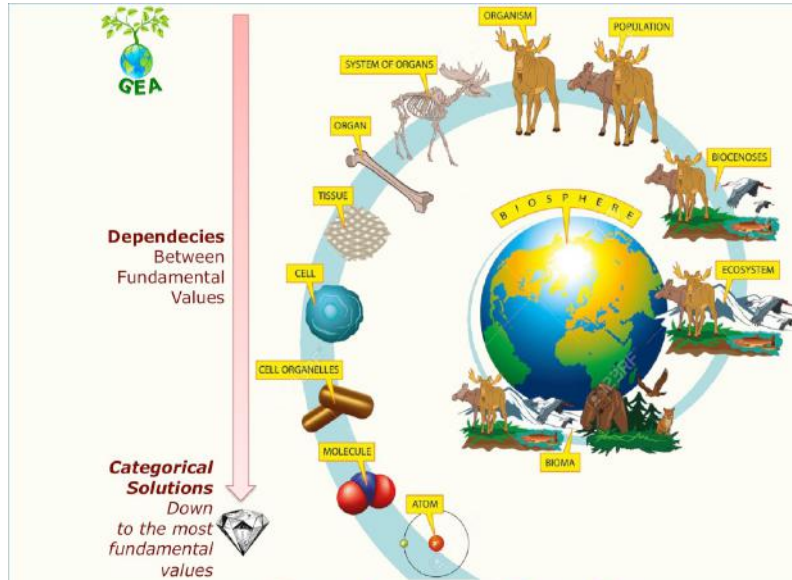


PRINCIPLES OF HARMONY & INFORMATION SCIENCES

LANGUAGE: SCHEMATICS, UML

VALORATIVE TREE: hierarchical network of Valorative Categories or Creational Archetypes, each one an autonomous organism. Creation schemes

are extended and stratified in several types, but always the same structure of life cycles and relationships in an aggregated way.



Systems Design

Gea: The Principles of Harmony

VALORATIVE CATEGORY – CREATIONAL ARCHETYPE: constellation of vital subsystems to create, orchestrate and choreograph a value with the layout of life cycles required, organized in a) Meta-structure or System, empty schemes of needs as imperatives: roles (archetype) and deployment profiles (types); and b) Infrastructure or Ecosystem: personality that governs these schemes satisfying the needs through strategies and technologies creating life-cycles.

Abstract Archetype: The Duties

How to enhance, capitalize and use the resources (human and natural).

1. **Duties towards God...** enhance resources (St. Matt. VI)
2. **Duties towards one's self...** prosper (St. Matt. V, 29, 30)
3. **Duties towards each individual...** enhance humanity (St. Matt. VII, 12)
4. **Duties towards creatures...** enhance environment (St. Matt. V, 20, 25)

Categorical Causal Model
Architectural Style

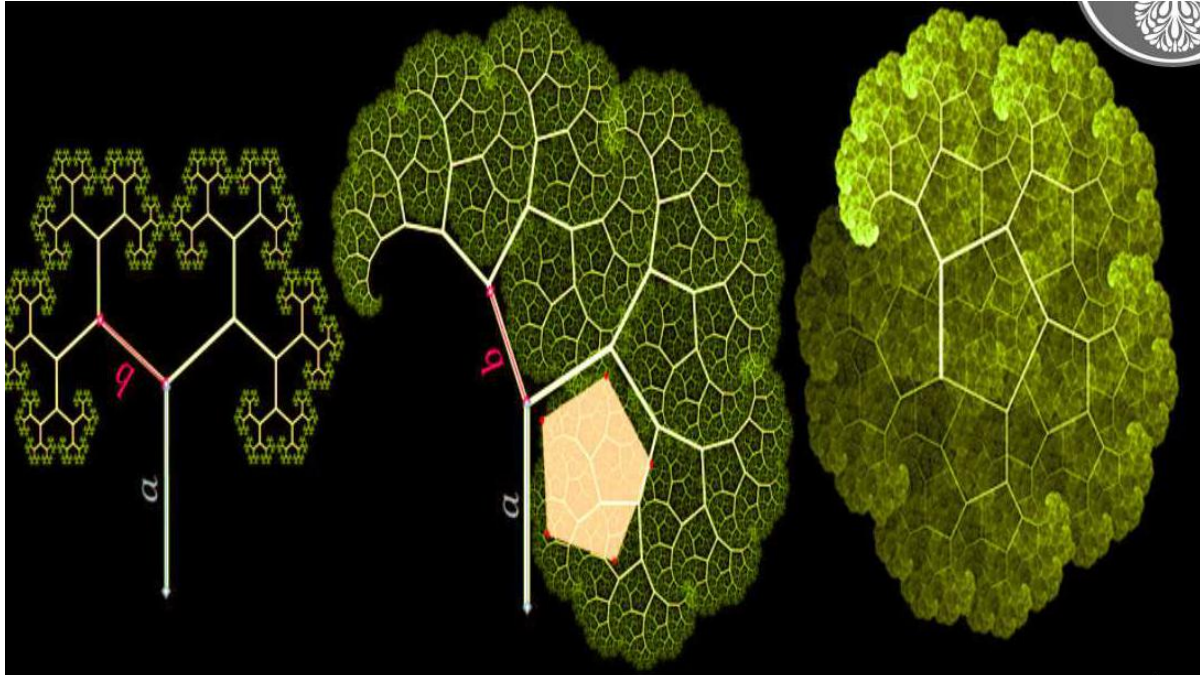


| | MONEY: Banking | | | TERRITORY: State | | PROPERTY: Production | | Unit |
|--|--------------------------|--|---|---|---------------------|---------------------------------|----------------------------|-------------------|
| Creational Archetype: Needs Constellation of Values (Theology, Architecture) | Italy Weapons | Big Colonial Projects Amsterdam Stocks | Italy Savings | Crusades Israel & Spain Holy Land | Troops | Landlord Work | War Campaigns Taxes | ↑ Multiplicity |
| Archetype: Articulation Scheme of Roles: What to do? (Genesis) | Fugger The Rich Bonds | John Law Actions | Giovanni di Boccia de Medicis Credit | Crusader Council | Armies Architecture | Rodrigo Porgio Inquisition | Cabelotti Tax Collector | |
| Type: Operation Artifacts: How to do? (Evolution) | Central Bank | Investment Bank | Savings Bank | Intelligence Coordination | Military Academy | Tribunal | Unions | |
| Shape: Life Cycle Governance Strategies & Standards (State of Art) | National Debt | Financial Bubbles | Fractional Reserve | Condor System | Armies | Concentration Camps & Terrorism | Work Control | |



FRACTAL BINARY TREE

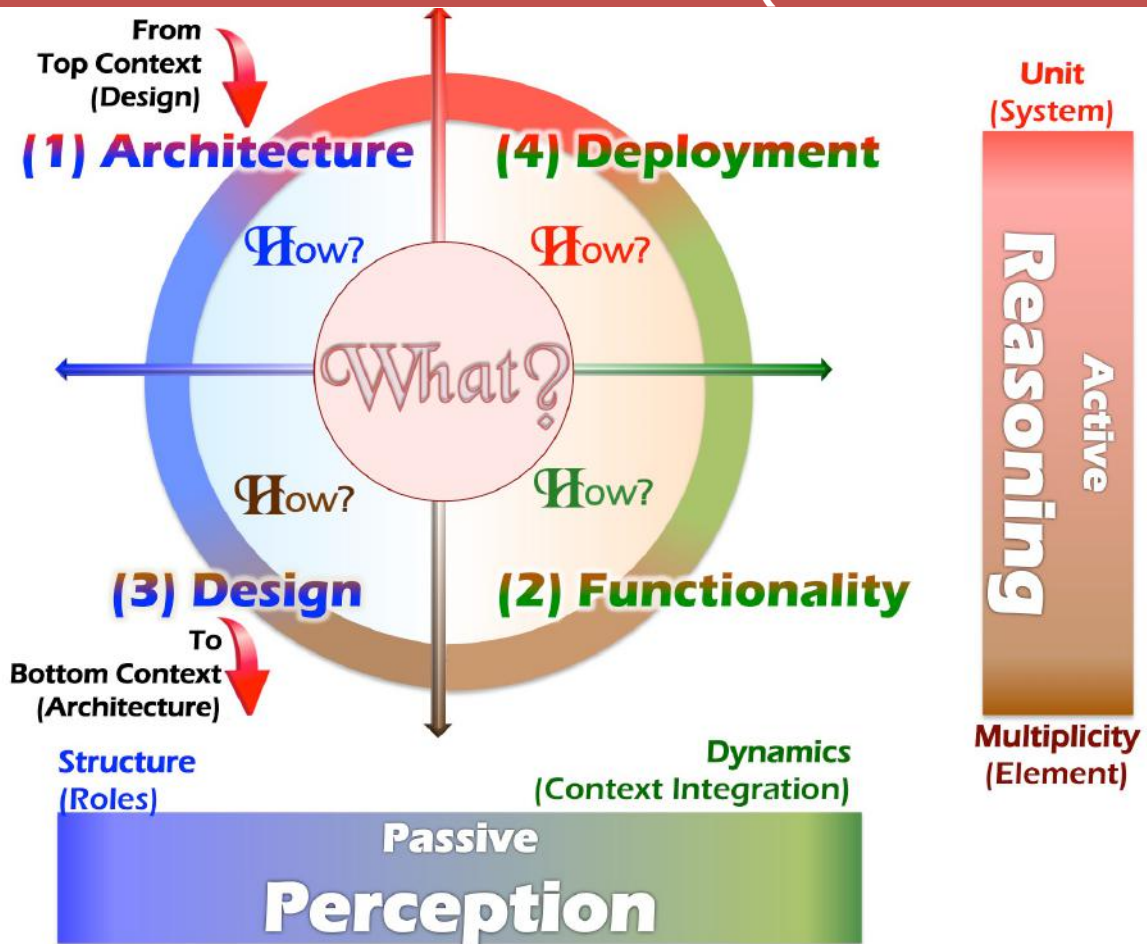
DUALITY: IMMUTABLE ESSENCE & CHAMELEONIC SHAPE



DISCERNMENT - SYSTEM BLUEPRINTS

CONCEIVE: *SYNTHESIS* - MAIEUTIC PROCESS (WHAT-HOW)

OBSERVE: *ANALYSIS* - DIALECTIC CYCLE (FOUR PERSPECTIVES)

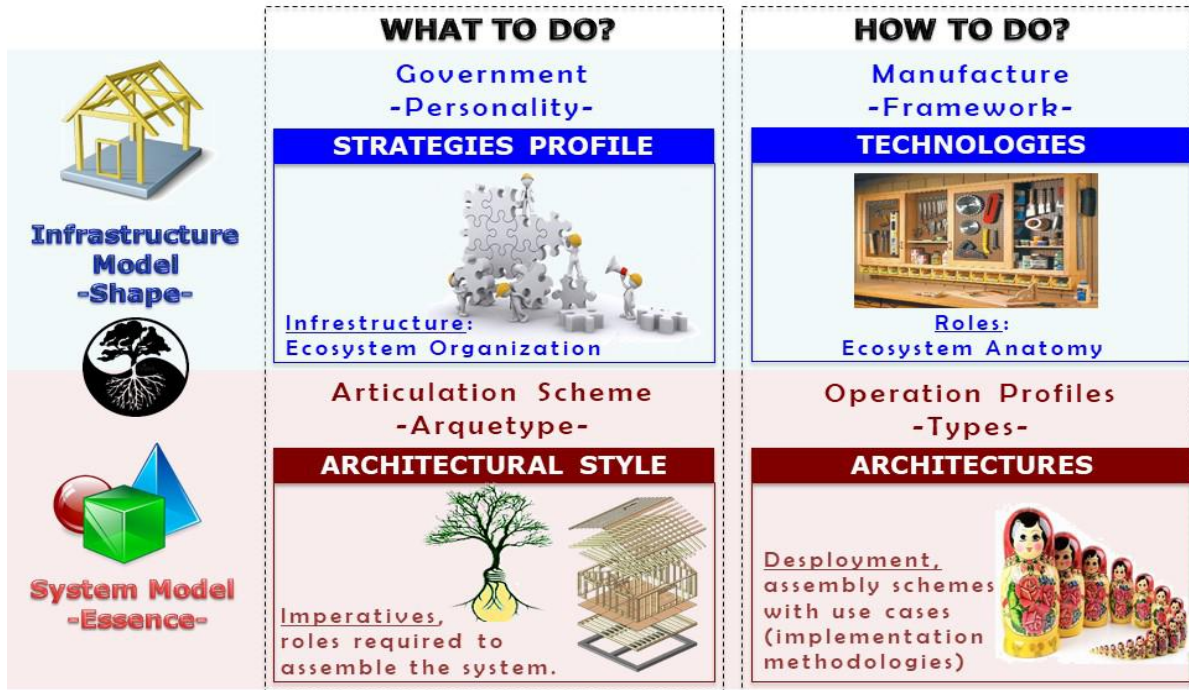




SYNTHESIS: PRINCIPLES OF HARMONY



Theory of Universals



Aristotle Theory of Universals improves Plato Theory of Eidos (or articulation scheme), establishing three basic principles:

Principle 1 –The Ying-Yang, Indivisible Duality Essence/Shape: every life cycle consists on a hidden essence (a meta-structure, a system) and a tangible shape (an infrastructure, an ecosystem). A complete model should be able to abstract the universal, immutable and secret system out of the wide range of chameleonic tangible shapes that experience present us.

Principle 2 – The Russian Doll – An Universal System, The Essence is Immutable but Flexible, all shapes of a life cycle are produced by the same system consisting on:

2.1.- Articulation, Immutable - Archetype/Eidos – Architectural Style: no matter when or where a life cycle happened, it is always articulated by the very same scheme of roles, a single constellation of vital needs to cover. That immutable scheme of imperatives, the control or articulation plane, can only be located in the genesis, in the very first of all life cycles, or archetype, where the architecture is so simple that allow to easily detect the vital elements required to articulate that life cycle.

2.2.- Operation, Flexible - Types - Architectures: there is a typology of systems, different architectures with the very same scheme of vital subsystems (or architectural style). Each type, or architecture, has his own set of use cases with associate deployment methodologies. Operation infrastructures can be classified by genealogical studies of shapes, since evolution branch out new architectures adapted to different environments.

Principle 3 – The Uniqueness – Unrepeatable Infrastructures, no two identical shapes exist: for the classical Greek philosophy, the principle of "*the imperfection of shapes*", each infrastructure evolved in a unique way, consisting on:

3.1. Strategies - Government or Personality: the same architecture can be implemented for different purposes following diverse strategies on each single part of the anatomy of the system. Each profile of strategies across the system has his own evolution DNA, his unique personality.

3.2. Technologies – Catalogue of Tools: like a Lego game, based on a common set of tools (or framework) all strategies can be created. Each individual technology is constantly and autonomously specializing itself, progressively becoming more a more effective and flexible in his increasingly reduced and concrete operation.



WHAT TO DO?: SYSTEM MODEL

ANALYSIS, INFORMATION SCIENCES: GENOTYPE EVOLUTION

DESIGN MODEL

1

System of Recommendations

Simplification

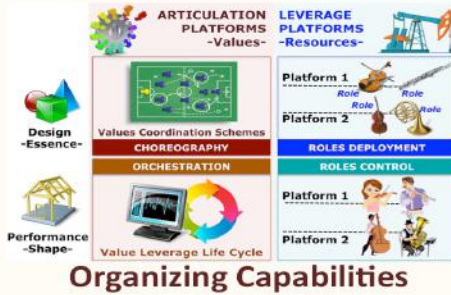


4

Infrastructure Prototype

Type 1 Type N

Deployment Profiles

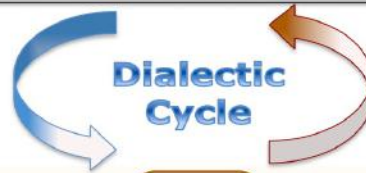


MANUFACTURE MODEL

1

System of Recommendations

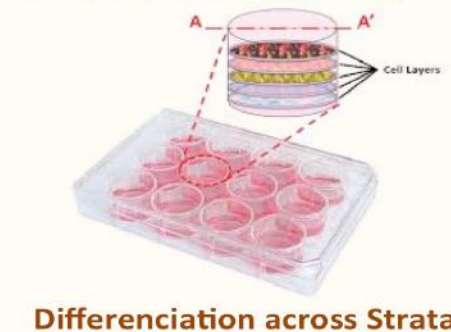
Simplification



4

System of Needs

Diversification



HOW TO DO?: INFRASTRUCTURE MODEL

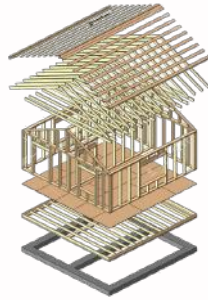
ANALYSIS, INFORMATION SCIENCES: PHENOTYPE EVOLUTION



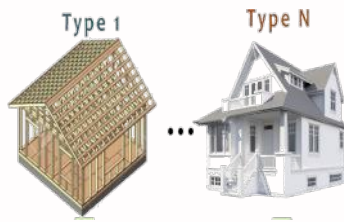
WHAT TO DO?: SYSTEM MODEL - ROLES



1.- SYSTEM Meta-Structures (schemes)



Architectural Style - Creational Archetype or Skeleton of Vital Needs: scheme of roles that creates a value, orchestrates his life cycle and choreograph an ecosystem of values... the imperatives for system assembly.



Architectures – Types or Operation Infrastructures: schematics of possible deployment profiles with his set of use cases... different ways to operate resources covering the same vital needs.

3.- INFRA-STRUCTURE Ecosystem (manufacture)



Strategies – Infrastructure Design: profile of strategies on each individual part across the anatomy of the system to stand an architecture or type.



Technologies – Infrastructure Manufacture: framework of technologies used to compose strategies, each one with independent evolution.

2.- ASSEMBLE Testing Scaffold



Test Cases Definition: allocating testing cases and priorities based on infrastructure end goals.



Test Cases Execution: build testing platforms capable to run the test cases that validate integration from all points of view.

4.- DEPLOYMENT Validations



Certification: same test cases used in the validation process now executed over a real infrastructure with the right testing strategies and tooling for each case.



Recommendations: collect all results to establish design end goals and recommendations for deployment life cycle.

WHAT TO DO?: SYSTEM MODEL - CONTEXTS



