

Second International Scientific-Practical Seminar  
Possibilities of Actualization of Human Mental Resources, October 5-6, Riga, Latvia

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Title of the communication:

# FOR A COGNITIVE ONTOLOGY OF MODES OF EXISTENCE OF PSYCHIC RESOURCES

## The three ontological and epistemological worlds.

(adapted from Plato to Frege, Russel, Popper, Ecclès, et Habermas)

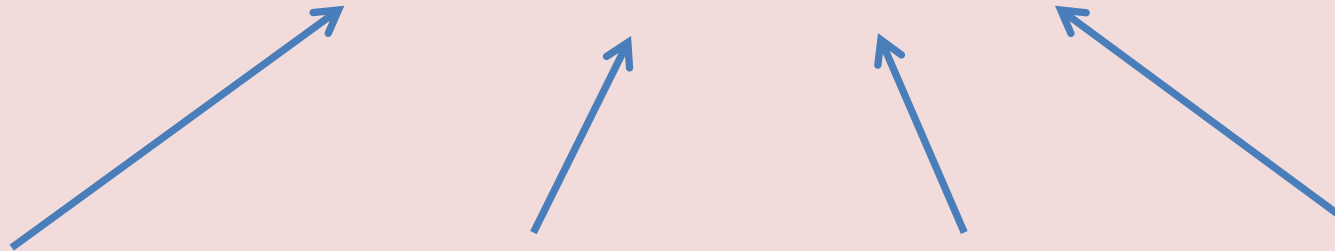
Types of worlds	World 1	World 2	World 3
States studied	States of matter and energy	Mental states	Semiotic states      Langages
World's Taxinomies	World of things	World of states of consciousness	World of knowledges, sciences, languages, beliefs,
Scientific Disciplines	Physic, Chemistry, Biology, neurology,	Psychology	Anthropology, Sociology, Economy, Political Sciences
Types of structures	Structures of the world Internal Order	Structures of psychological process	Semiological structures of signs and languages
Type of discourses	Theoretical, scientific	Criticism, aesthetical	practical-moral, ethical
Types of languages	Natural languages Clue,	Language of the thought, « Mentalese » (J.Fodor)	Natural languages, scientific languages, formal languages (World 4) (Logic and mathematic)
Psychologies and Linguistic Persons	Universality Third person	Singularity First person	Particularity Second person
Experience nature	Object of the experience	Experience of the object	Experience of Semiology
Validity criteria	efficacy	authenticity	legitimacy
Acts of language	Facts, observations	Expression, evaluation	Norm, prescription,
Ambition to truth	Accuracy True/False	Sincerity	accuracy good/bad

# The four constituents of the field of study of psychic resources

Causes of a resource realization

Example: the experience of a « dreaming » resource

Each dimension possesses a differential weight in the process



## Positions

Cultural, economical,  
Social historical

The capitals: (Pierre Bourdieu)

- Economical
- Cultural
- Relational

## Personal dispositions

« Bio-Psy-Soc »

### Psychic resources

- Availability
- Reliability (weaknesses)
- Expectation
- Instrumentality
- Values (usage, exchange, etc.)
- Adaptability (coping)
- Theory
- (Meta) Representations  
(cognitive, metacognitive, Th. Of Mind,
- W3 in W2 : social representations,  
cultural, historical, of psychic resources.

## Contexts environmental pragmatic

## Entity properties on which the resource operates

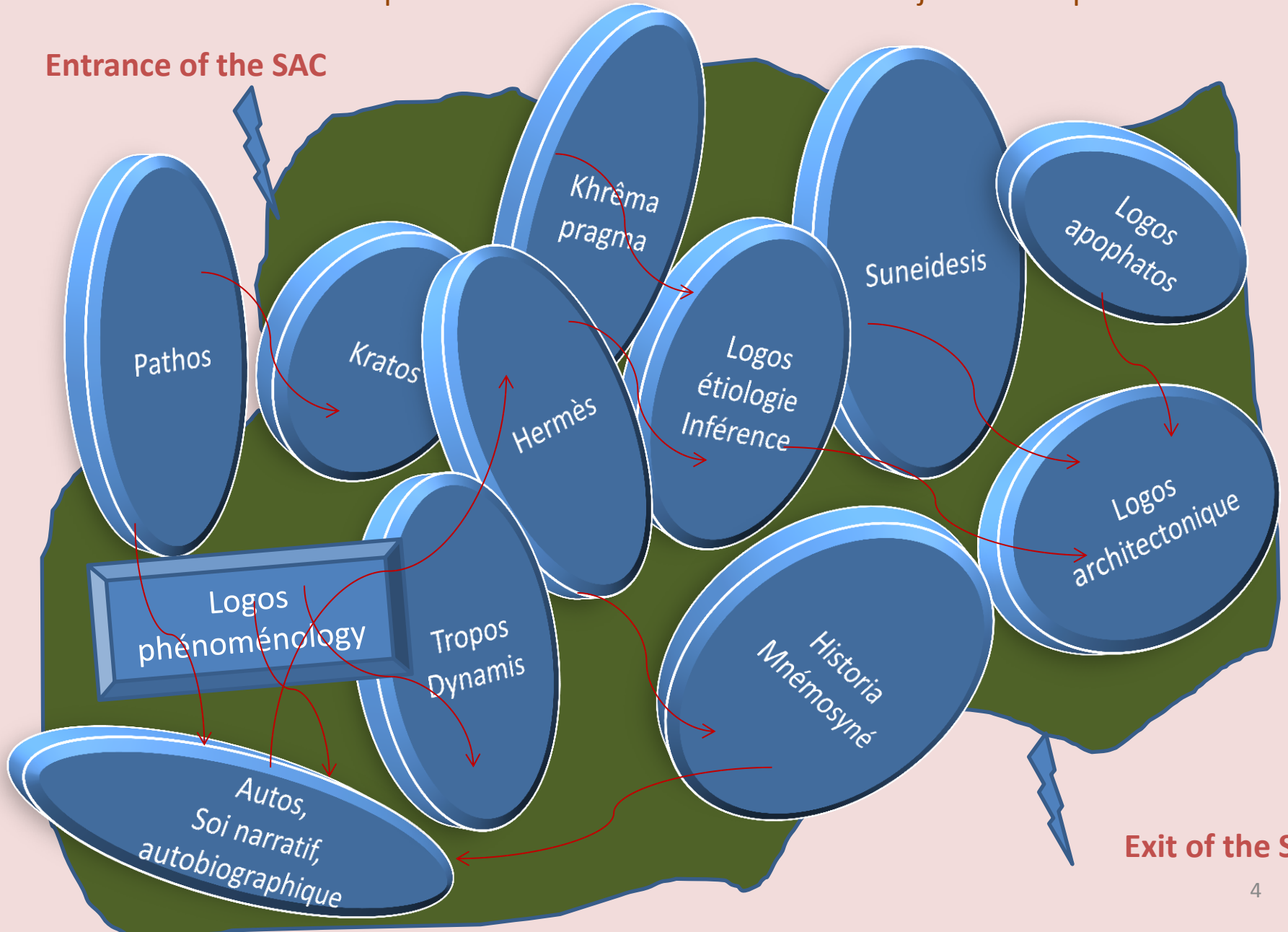
The three worlds

- Primary properties
- Second properties  
(Meyerson,1983)

11 factors and 60 facets = !11 Arrangements of architectural background

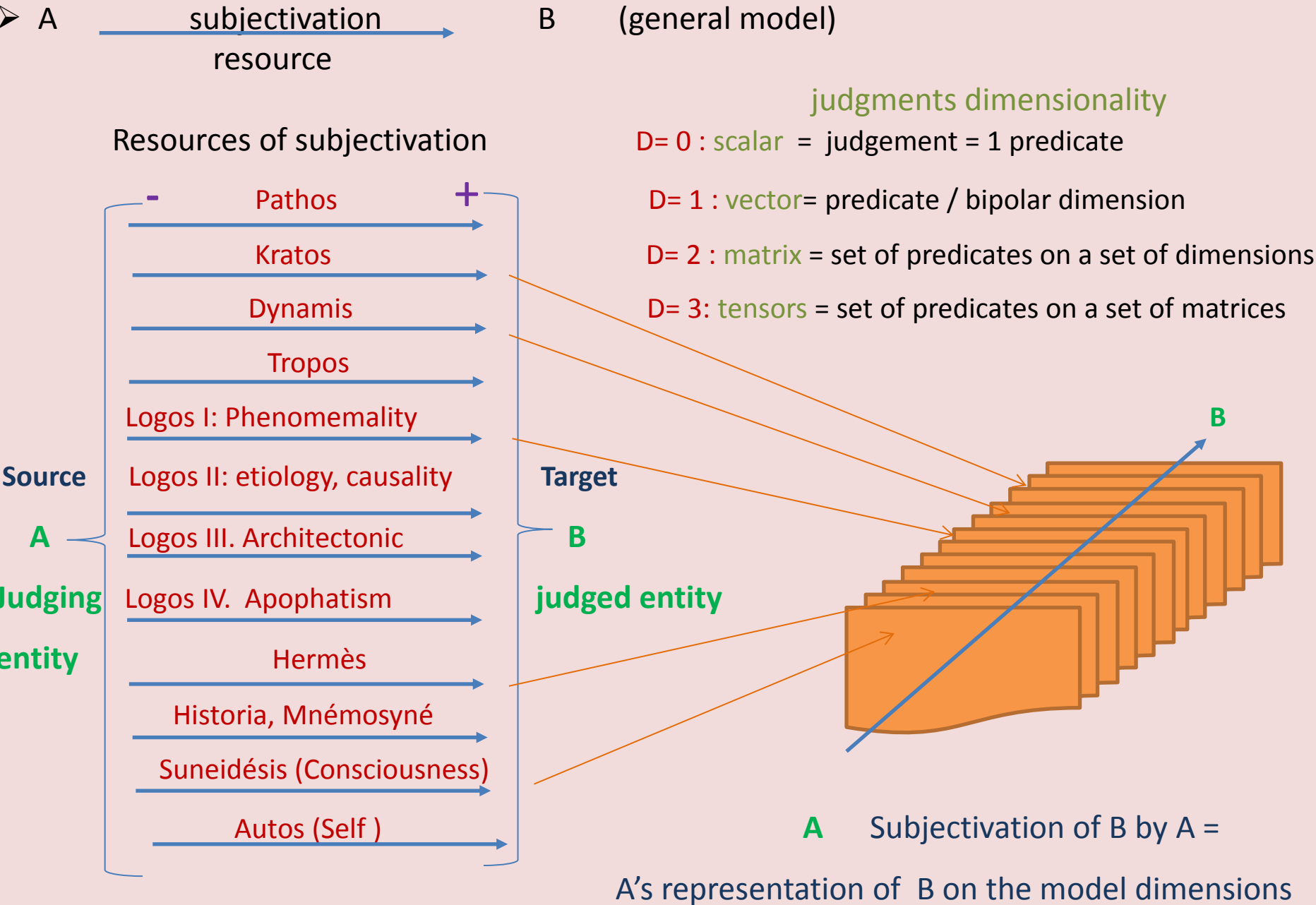
!11 possible relations between the 11 subjectivation primitives

Entrance of the SAC

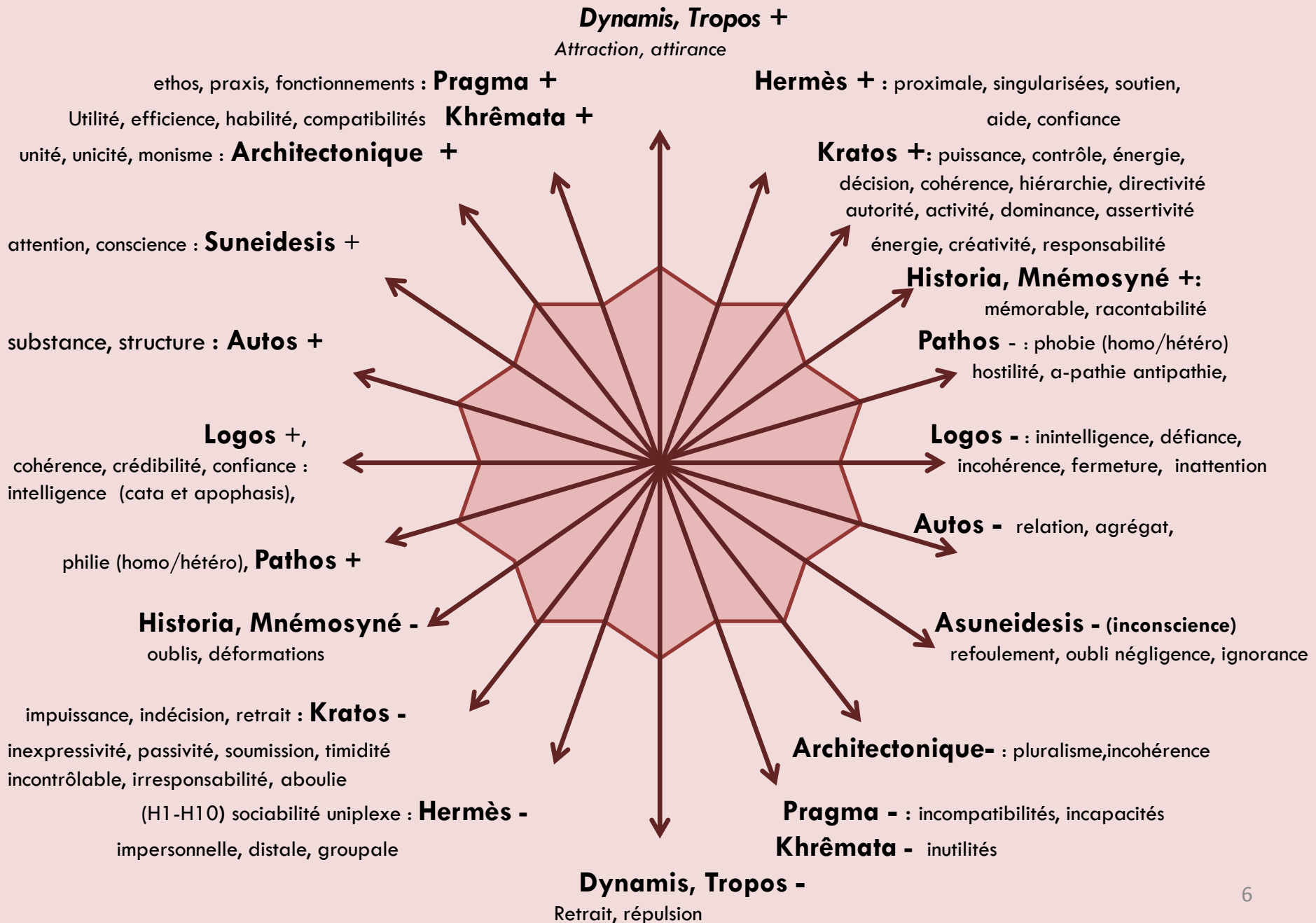


Exit of the SAC

The Universal Model of subjectivation : a model with 11 primitives (factors or categories)



# The referential 11 entity subjectivation 's modes



## Entity subjectivation equation

### Computation of the subjectiving power (PS) of an entity A for an entity B

Definition: The subjectiving power (PS) of an entity A for an entity A or B is equal to the sum of the resources attributed over the 11 factors and 60 facets of possible subjectivations

- Multidimensional computations (matrices, vectors, tensors).

-  $PS = \text{Pathos (coef. Pathos1 + coef. Pathos 2 .....)} + \text{Kratos (coef. Kratos 1 + coef. Kratos 2 )} + \text{Logos I ..... Logos II .....} + \text{Autos.}$

- An entity is subjectived if the targeted entity is informed of at least one of the 11 factors of subjectivation.

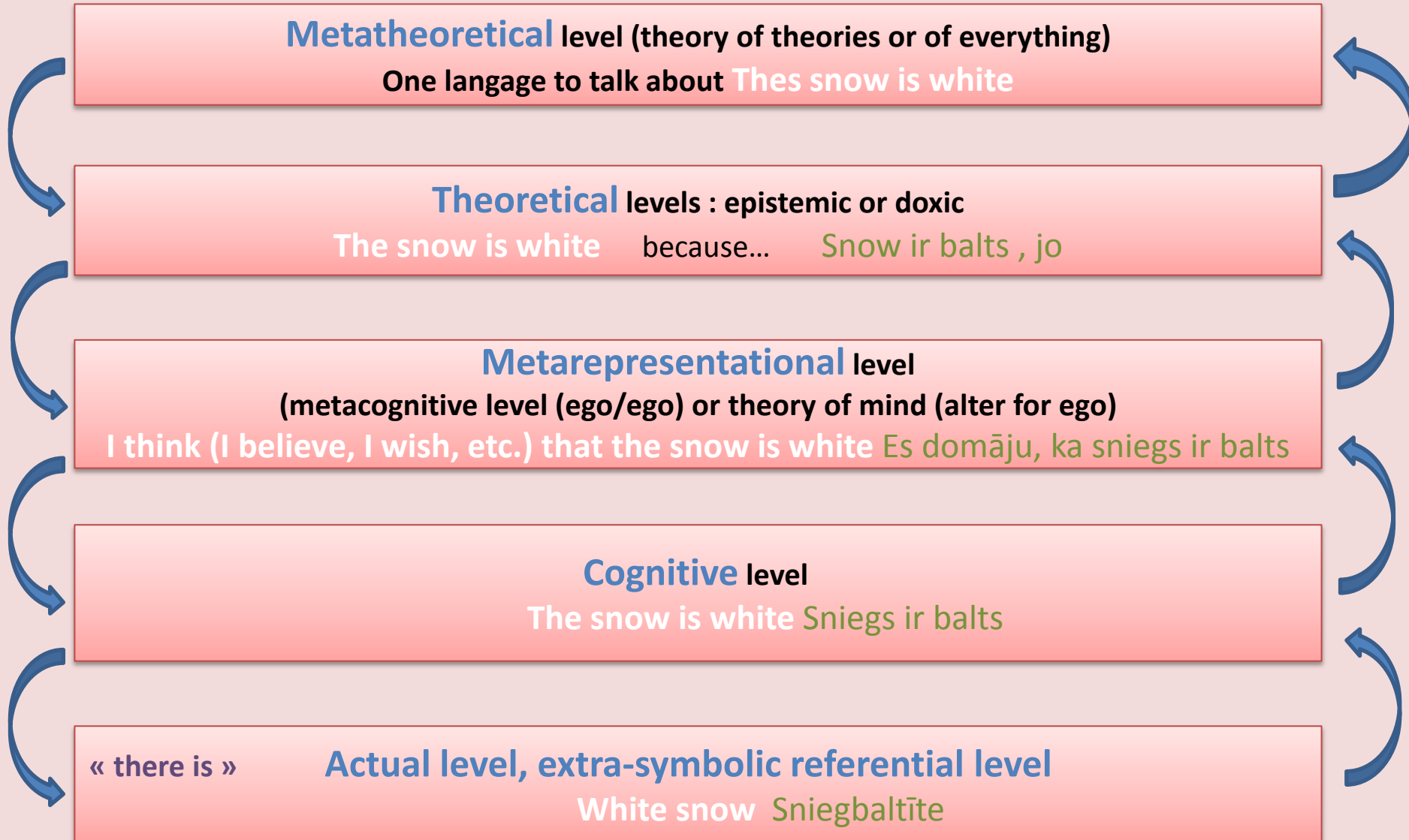
- If no psychic resource is attributed to an entity, this entity has no existence for the subjectiving entity.

A  $PS = 0$  means a non-subjectivation or a total desubjectivation of the entity.

For ex. The kaivalya, the ultimate state of the Yoga Sutra of Patanjali,

The nirvana in buddhism (S free = non-identification to aggregates, skanda).

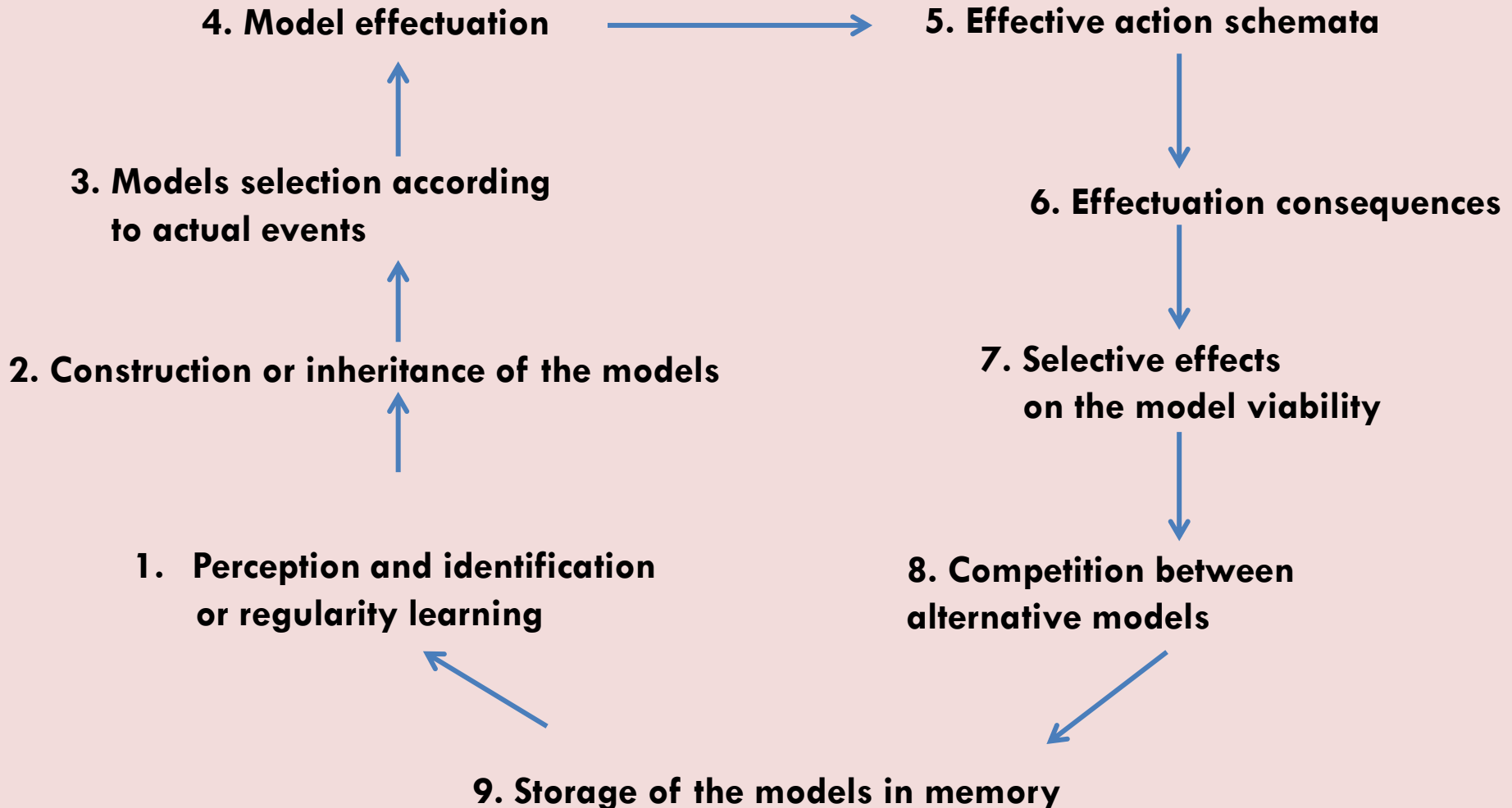
# Cognitive Ontology: referential, cognitive, metacognitive and theoretical levels

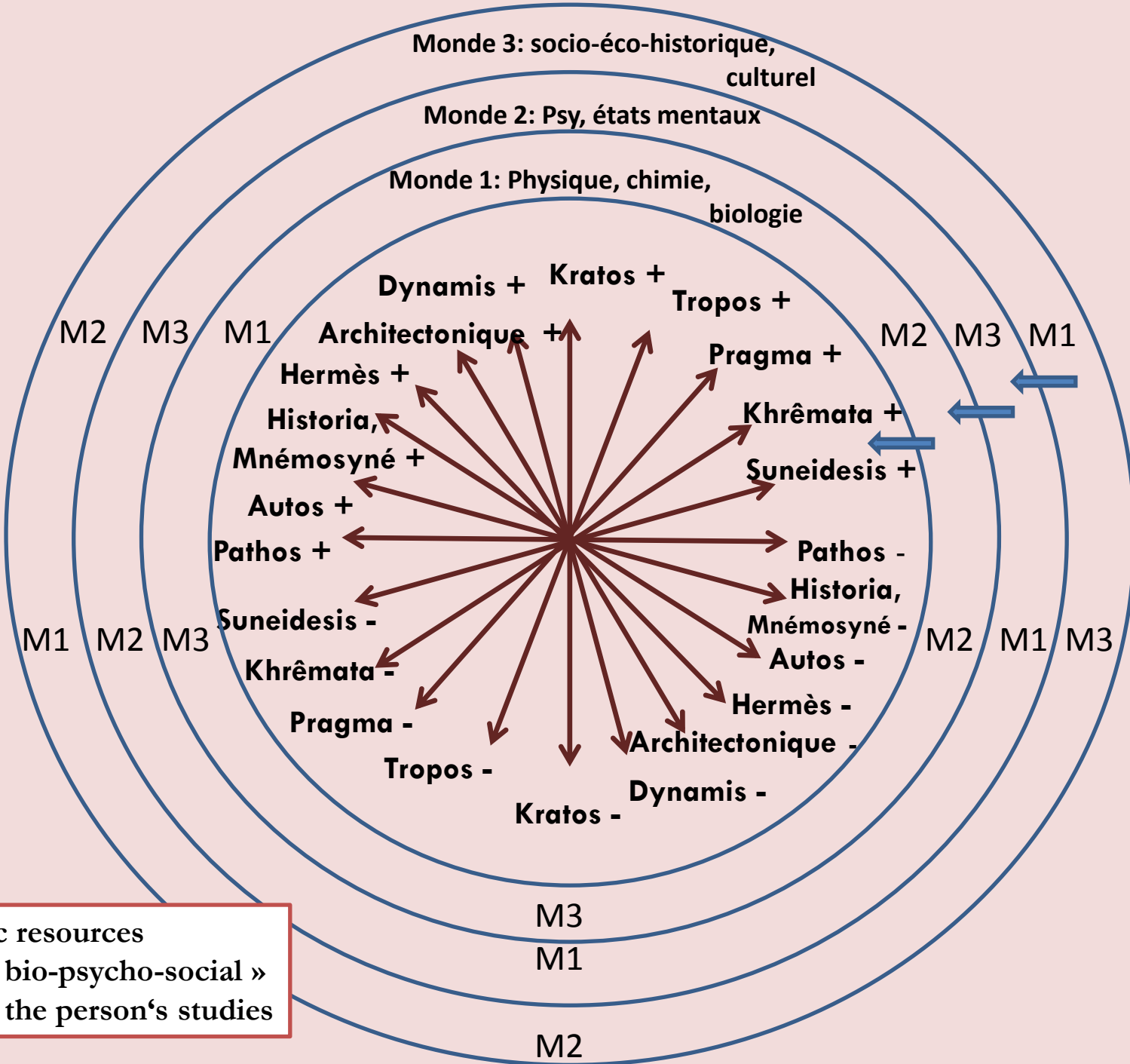




# Entity model subjectivation process

according to Complex Adaptative Systems (adapted : Murray Gell-Mann, 1995).





11 psychic resources  
and the « bio-psycho-social »  
model of the person's studies



*Une petite neige blanche est tombée,  
Blanche comme la plus fine farine,  
Une petite neige blanche est tombée,  
La terre de tiédeur elle câline.*

*daina traditionnel letton*

*Mazs balts sniegs krita ,  
White kā finest miltiem ,  
Balts Nedaudz sniega krita ,  
Zemi viņas cuddly siltumu .*

*Tradicionālā Latvijas Daina*

A small white snow fell,  
White as the finest flour,  
A small white snow fell,  
The land of warmth she cuddles

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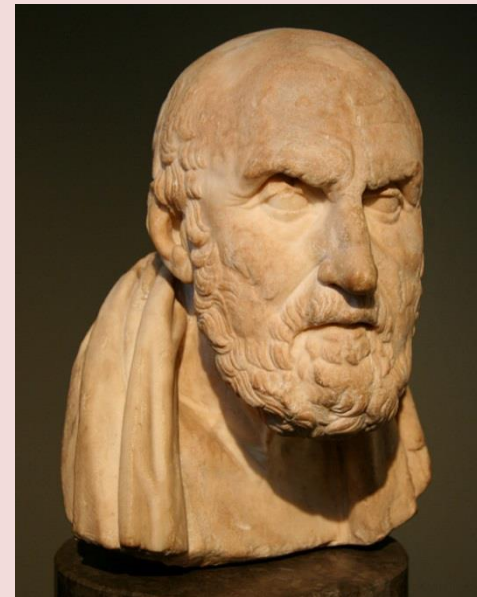
Pr Philippe Oliviéro, Sorbonne, Paris

## The Stoic Psyché

Autos= Suneidesis = Physis = Logos

“What is primitively specific (*oikeion*) to the human living is its own constitution (*sustasin*) and his consciousness of having it (*suneisdesin*) as it is not likely that nature makes human living a foreigner for himself”.

Chrysippe, « Des fins », Diogène Laërce, VII, 85.



## The romantic psyché: how to be nowhere ?

« Je touche mon horizon de tous les côtés ».

(I reach my horizon on all sides).

Théophile Gautier,  
Mademoiselle de Maupin [1834],  
Paris, Gallimard, 1973, p 84.



Caspar David Friedrich (1817-1818)  
The Wanderer Above the sea of clouds,  
(Kunsthalle de Hambourg).

## The « Letton Pirts » experience



Now, to conclude my speech, I ask only one last question to the participants :

What is it like to roll in the snow at minus ten degrees Celsius ?

Which subjectivation factors or psychic resources are activated about this white snow ?  
In others words, what is your “white snow”?

**There is only one solution :to try it !**

*« Kas to teica, tas meloja, Ka saulīte nakti guļ ; Vai saulīte tur  
uzlēca, Kur vakaru norietēj' ? »*

*« Quiconque l'a dit, a menti, que le Soleil va se coucher la nuit ;  
le Soleil se lève-t-il, où il s'est couché hier ? »*