

Yost's Paralogical Model

Sensory, Cognitive and Behavioral Connecting Structures for Artificial Intelligence, Robotics and Neuroscience

A Function Based Structural Language

1/26/2019

Sensory Trilogy (Stimulation)
Sensory Processes (Sensors) = Measurements / Results
Sensory Function = Sense / Monitor
Sensory Experience = Sensation / Correlation

Parietal Trilogy (Perception)
Sensory Thoughts = Impressions / Observations
Sensory Ability = Perceive (View, Listen, Touch...) / Focus
Sensory Idea = Awareness / Condition / Form

Limbic Trilogy (Intuition)
Sensory Knowledge = Essences / Moods / Feelings
Sensory Skill = Feel / Qualify
Sensory Plan = Belief / Cognizance / Sentience

Occipital Trilogy (Recognition)
Cognitive Processes (Controllers) = Comparisons / Abstractions
Cognitive Function = Cognize / Recognize / Discern
Cognitive Experience = Cognition / Realization / Fact

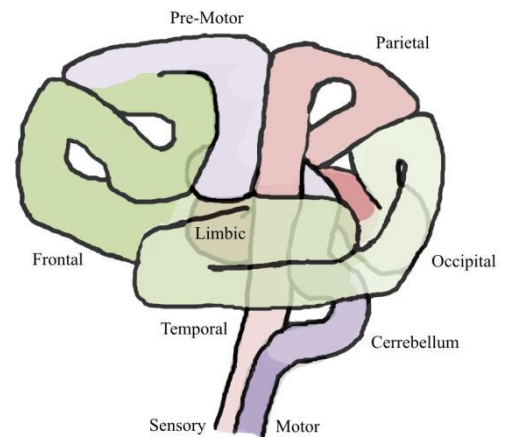
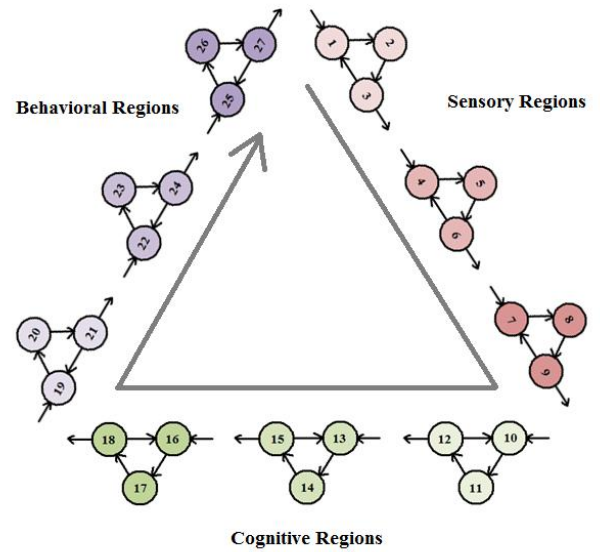
Temporal Trilogy (Conception)
Cognitive Thoughts = Thoughts / Contexts / Episodes
Cognitive Ability = Conceive (Mimic, Think, Imagine...) / Reflect
Cognitive Idea = Idea / Relationship / Understanding

Frontal Trilogy (Reason)
Cognitive Knowledge = Mindset / Knowledge / Ethics
Cognitive Skill = Reason (Infer, Choose, Predict, Solve...) / Justify
Cognitive Plan = Decision (Opinion, Solution, Intention)

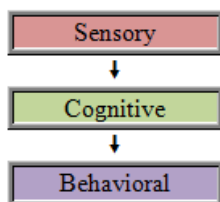
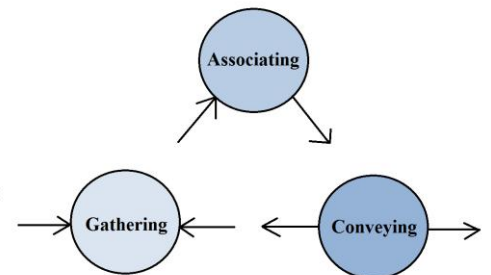
Pre-Motor Trilogy (Self)
Behavioral Knowledge = Purpose / Motivation
Behavioral Skill = Codify / Manage (Organize, Coordinate, Assign...)
Behavioral Plans = Applications

Cerebellum Trilogy (Will)
Behavioral Thought = Routine / Procedure / Task
Behavioral Ability = Will (Sustain, Synchronize, Try...) / Adjust
Behavioral Ideas = Volitions / Actions / Positions

Motor Trilogy (Body)
Behavioral Process (Actuator) = Performance / Potential
Behavioral Function = Generate / Behave
Behavioral Experiences = Behaviors



Three Kinds of Neural Nets



Three Components of Intelligence

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Fundamental →
Developmental →
Personal →

Gathering	Associating	Conveying
↓	↓	↓
Processes	Functions	Experiences
Thoughts	Abilities	Ideas
Knowledge	Skills	Plans

Nine Divisions of Intelligence