Imagery

Wrap up of Imagery

– Perception-like experiences accompanying language comprehension or conscious imaginative thought

– Measurable analog characteristics

  • Studies by Sheppard & Metzler, Kosslyn

– Less than fully analog

  • Cube rotation (Plyshyn)

– Imagery falls in continuum of *ception* (Talmy)

Imagery

- *Ception* (Talmy)

  – Gradient experience of event representation

    - High end - real, concrete representation *perception*

    - Mid-range - semi-abstract *optical illusions*
                            abstract *imagery*

    - Low end - fully abstract *automatic associations*

Imagery

– Move towards abstraction is move towards generalization or schematization.

  • Reducing detail in favor of instant knowledge

– Schematic understandings of objects

  • Basic shapes, patterns, configurations

Imagery

- Analog vs. propositional
  - Iconic vs. symbolic
    - *Buzz*, *gulp*, *meow* vs. *Bee, drink, cat*
  - Continuous vs. discrete
    - Analog vs. digital clock
  - Map or picture like vs. language like
    - Graphs, charts, diagrams vs. prose
  - Analog image can be manipulated like physical object it represents

Imagery

Representation/*Ception*

Analog				**Propositional**
Perception			Conception	
Concrete	Semi-abstract		Abstract	Fully abstract
		Imagery		