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Jan, Steven

From holism to compositionality: memes and the evolution of segmentation, syntax, and signification in music and language

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Figure 1: Thought, Modularity and Language

Key:
- Intra-brain, hexagon-encoded information (mnemons).
- Inter-brain (replicated) hexagon-encoded information (protemes, lexemes and musemes).
- “Phenotypic” (Section 4.1) products of protemes, musemes and lexemes.
- Intra-brain, hexagon-encoded LF.

- Auditory Input (Heard Speech)
- Visual Input
- ToM
- Physics
- Biology
- Number
- Geometry
- Social Contracts
- LF
- Inner speech/phonological representation/lexeme

C

Produced Speech

Hearing
Vision

Language

Key:
- Intra-brain, hexagon-encoded information (mnemons).
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- “Phenotypic” (Section 4.1) products of protemes, musemes and lexemes.
- Intra-brain, hexagon-encoded LF.