Review of: "Semblions of Words — The Language of Natural and Artificial Neural Networks"

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Very well written. The hierarchical structure of metaphors, as linguistic concepts and other mind tools embodied in Lakoff's cognitive linguistics terms, requires an indication of the mental representations in human minds and the corresponding biophysical representations. The author claims that the searched biophysical representations, which are the basis of mental representations, may be hierarchically related neurons called semblions. According to the connectionist concept, the hierarchical structure of a neural network arises in learning and is also a memory. Semblions of objects, concepts, ideas, and models can be associated on a neurological level with neural representations of phonemes heard simultaneously while perceiving objects and creating their representations.