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

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Principle of my reviewing

Science organizes target of recognizable objects and/or phenomena in the testable forms to understand, define, quantify, visualize or simulate properties of the target. The scientific procedure originally consists of the syllogistic-hierarchy of premise, inference and explanation, and scientific representation is constructed as syllogistic hierarchy of framing for valid premises, modeling by sound inference, and explaining with consistency. The scientific theme is intuitively moved by a model coming from First Principles that were empirically obtained. Namely, I review a scientific paper in the view of the scientific main theme, and the syllogistic-structure of the framing, the modeling and the explaining.

Analysis of the paper

The scientific main theme

The author analyzed *mental representation* via the hierarchical neuronal network called *Semblions*. *Mental representation* via the neuronal complex-network is the main-theme of my research.

The poly-framing strategy

The author analyzed the main-theme with the terms of cognitive linguistics, network-theory of neuroscience, cognitive biology and physics. The interdisciplinary strategy could induce paradigm-shift, however, would not be accepted by specialized journals. I also analyze the main-theme with the poly-framing strategy.

Semblions?

Sign of Mathematics primarily provides the connotation, but term of natural language does not always do so. The author analyzed the idea of *Semblions* with terms coming from different frames, however, the idea might not be easily comprehended without the model-figure. I always make the manuscripts containing model-figures.

The writing style

Contents of the paragraphs were properly explained, and the total body was arranged corresponding to the syllogistic structure.

Conclusion

Finally, I recommend publication of the paper containing the model-figure of *Semblions.*