

# METHODOLOGY AND ITS ONTOLOGICAL SYSTEM

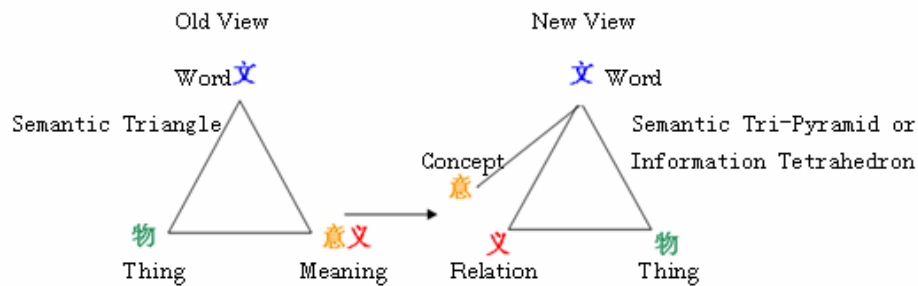
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Abstract: Here we mainly discussed the definition of information according to the recent research and also discussed several currently typical viewpoints on Information Science and Philosophy by using the viewpoint and method according to the Theory of Co-Intelligence.

I have been examined the issues about mathematical system, physical system, semantic system (e.g. Triangle of thing, meaning, symbol or word) from information science and philosophy perspective for more than ten years. Different from previous research, this paper wants to emphasize the importance of Four Basic Categories (e.g. Tri-Pyramid of thing, concept, word and relation) in the study of methodology.

Picture 1 shows Semantic Tri-Pyramid rooted in Semantic Triangle.



Picture 1

Diagram 1 shows the Tabulations on the Theory of Co-Intelligence.

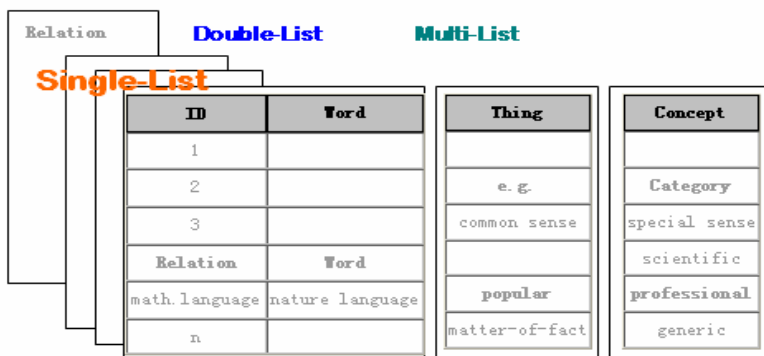


Diagram 1

The fundamental research on the general problems of methodology and the scientific reasoning along with the formal approaches to methodology focuses on discussing concept, word, and relation based on qualitative analysis and quantitative analysis, and put forward the unified theory (frame) of semantic information processing in the domain of formalization, branch and general information science and philosophy.

Keywords: Co-Intelligence Science, Semantic Tri-Pyramid, General Information Science and Philosophy, Fundamental Research on Methodology