some Phenomenological issues in Computational Modeling of Analogy

José Eduardo García-Mendiola

National Autonomous University of Mexico.

Abstract:

There are presently several fashions of the analogy manner that have been implemented by means of pc programs. Analogy is a process that we use each day in basic questioning and mastering obligations, and is manifested via recollections, expectancies, and, in widespread, associations via similarities and variations. using analogies is some thing as spontaneous and familiar as implicitly effective in our non-stop and our ordinary questioning strategies. however, aiming to have a whole description of analogy technique as human beings use, it is not an clean challenge. in this sense, the simulation of analogy technique by computational applications, in preferred, weakly debts for its complexity. Phenomenology can assist us to unveil the presuppositions analogy operates with, via figuring out and discovering the most original kinds of gadgets constitution regarding their genetic foundation inside the passive (or precognitive) and energetic synthesis. for that reason, genetic phenomenology distinguishes between active genesis, on the only hand, and passive genesis, however. within the former, the concern participates actively within the charter of gadgets starting from gear and utensils of day by day residing to systems of concept, inventive creations, mathematical theorems, or scientific theories. every energetic genesis presupposes in the problem a type of passivity that influences it in advance. This "passivity" does no longer imply inactivity, however it rather refers to the truth of being involuntarily stricken by a spread of behavior, for example, inclinations, questioning styles, motivations, feelings, reminiscences, traditions, and paradigms. Phenomenology of association considers the constitutive position of homogeneity and heterogeneity syntheses which will be the analogical channels or simple factors of wondering generation by using analogy.

Biography:

José Eduardo García Mendiola is completing his PhD at Institute of Philosophical Research in National Autonomous University of Mexico. His research topic is about computational modeling of analogical thinking and the ones related to philosophy of mind, logic and artificial intelligence. He has a master degree in philosophy and a bachelor in philosophy and mathematics as well. He is professor at University of Colima, Mexico.

Publication of speakers:

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