

Kambiz Badie received all his degrees from Tokyo Institute of Technology, Japan, majoring in pattern recognition. His interest for pattern recognition lies mostly in his motivation for grasping the mechanisms behind cognitive processes such as perception, intuition, imagination and interpretation.

Within the past years, he has been actively involved in doing research in a variety of issues, such as machine learning, cognitive modeling, knowledge processing and creation in general, and analogical knowledge processing , experience modeling and modeling interpretation process in particular, with emphasis on generating new ideas, techniques and contents as well.

His familiarity with Constructive Realism and its main strategy (Strangification) gave him an opportunity to investigate his desired topics from the viewpoint of this epistemological movement. Within this context he and his colleagues were able to write a book called “Strangification: A New Paradigm in Knowledge Processing & Creation”, and develop a number of approaches using strangification as a core strategy for analogical reasoning as well as interpretation processes. Out of these approaches, “interpretative approach to analogical reasoning”, as well as “viewpoint oriented manipulation of concepts” are particularly mentionable as novel approaches to creative idea generation.

Dr. Badie is one of the active researchers in the areas of interdisciplinary and transdisciplinary studies in Iran, and has a high motivation for applying intelligent/cognitive modeling methodology to the human issues. Currently, he has become highly interested in modeling the process of phenomenological experience as a step to promoting pedagogical quality in cyber-space.