

## **IDEA GENERATION ALGORITHM ASSESSMENT WITH EVOLUTIONARY GENETIC ALGORITHM**

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### **Abstract**

Ideas are thoughts, plan and images that flash through the brain and relate to a condition or situation. They are influenced by the effect factors such as stress, need, etc. The fact to consider is brain a machine present in our body. Then thinking reverse way we can imply that a machine can also generate ideas. Machines are meant to serve its user. Objective is to design an Algorithm which helps machine in generating its own sets of ideas.It would give the machine's "mind map". Idea generation by machines will help it to serve any application defined by the users. The ideas are selected set stored in a "Database". The storage to database is on a selection from a "Trained Network". Later these ideas may be retrieved from the database as pre query for an application like thematic colour for background, filling up blank space, Cryptography, etcTools defined for lateral thinking are Insight, Creativity and Humour are tools to generate new ideas; creativity is a way of handling information only; but not a necessity in idea generation. This point supports the fact that machine can generate Ideas. The paper gives comparison of idea generation algorithm with the evolutionary genetic algorithm.

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