Symposium name: Swarm Intelligence Symposium
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Location: Indianapolis, Indiana, USA

Evolving Intelligence: Beyond Algorithms

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Abstract

Popular areas of investigation currently include deep learning and universal learning. It is suggested that much of the deep learning effort is a rebranding of previously-existing neural network methodologies. To develop and implement universal learning, inductive knowledge is necessary, but algorithms are not required. The term "blended intelligence" is defined. One possible approach toward universal learning and evolving intelligence using extended analog computing is described. Application areas are proposed.