Multi-objective Optimization: Concept-based Exploration, Concept Selection and Multi-Concept Optimization

Multi-objective Neuroevolution: Topology and Weight Evolution of ANNs

Multi-objective Games
1. Eisenstadt, E. and Moshaiov, A. Co-Evolutionary Algorithm for Solving Multi-Objective Games, Submitted to Swarm and Evolutionary Computation, 2020

Fuzzy and Neuro-fuzzy Control

New Research Projects
1. AI to the Rescue: Life-and-Death Decision-Making under Conflicting Criteria – Funded by the Volkswagen Foundation.
3. Drought-related Functional Tradeoffs of Trees – In collaboration with the Int. Institute for Applied System Analysis (IIASA), Austria.

Recent Graduates and Theses