

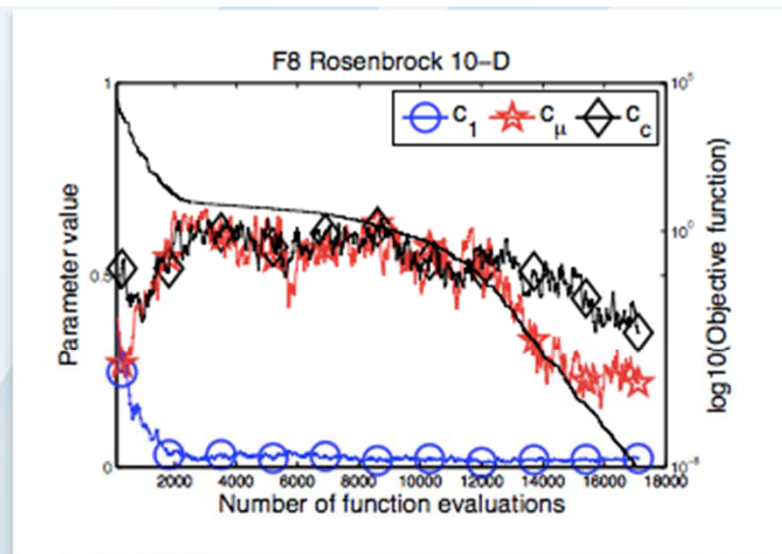


Session four



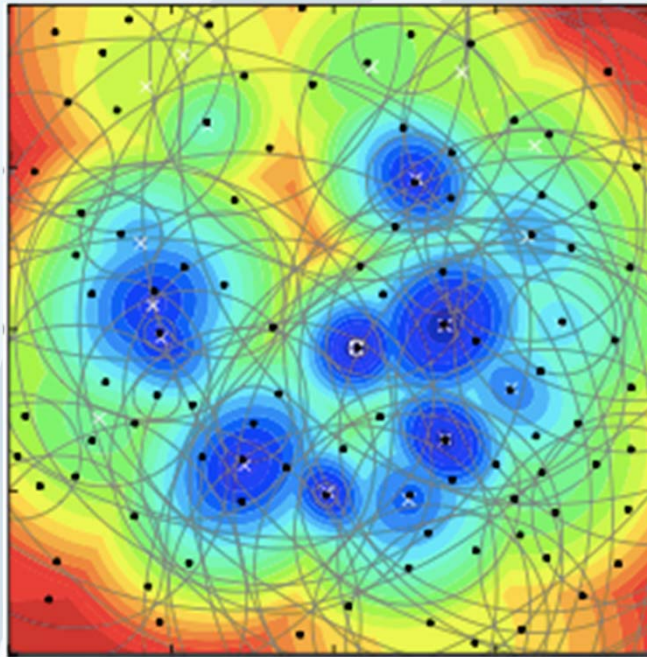
Maximum Likelihood-based Online Adaptation of Hyper-parameters in CMA-ES

Ilya Loshchilov¹, Marc Schoenauer^{2,3}, Michèle Sebag^{3,2}, and Nikolaus Hansen^{2,3}



Stopping Criteria for Multimodal Optimization

Simon Wessing¹, Mike Preuss², and Heike Trautmann²



An Extended Michigan-Style Learning Classifier System for Flexible Supervised Learning, Classification, and Data Mining

Ryan J. Urbanowicz, Gediminas Bertasius, and Jason H. Moore



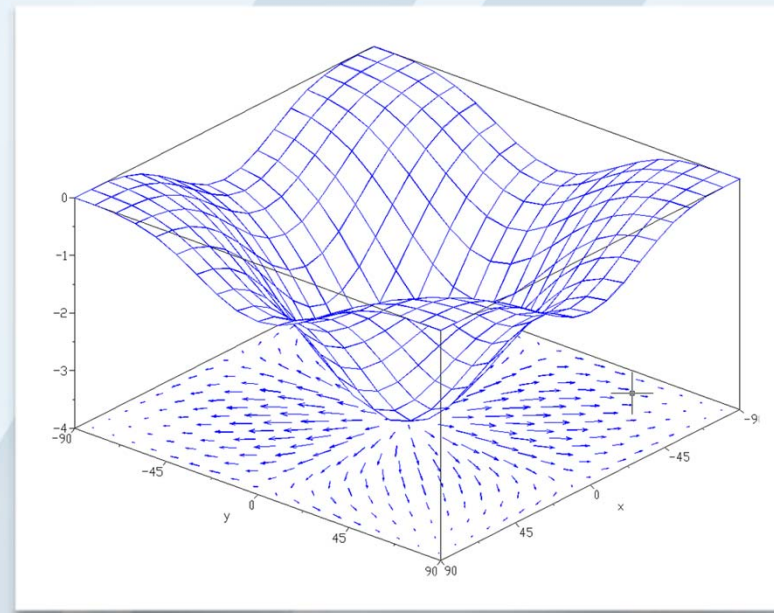
On the life-long learning capabilities of a NELLI*: a hyper-heuristic optimisation system

Emma Hart, Kevin Sim



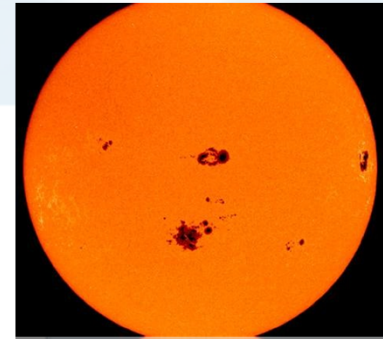
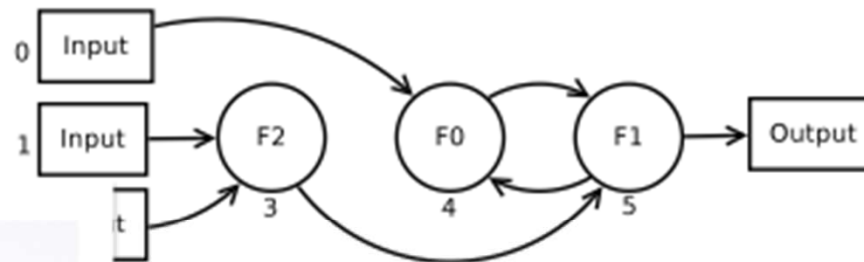
A New EDA by a Gradient-driven Density

Ignacio Segovia Domínguez, Arturo Hernández Aguirre, and S. Ivvan Valdez



Recurrent Cartesian Genetic Programming

Andrew James Turner¹ and Julian Francis Miller²



A Multiobjective Evolutionary Optimization Framework for Protein Purification Process Design

Richard Allmendinger and Suzanne S. Farid



Shake Them All!

Rethinking Selection and Replacement in MOEA/D

Gauvain Marquet

Bilel Derbel

Arnaud Liefooghe

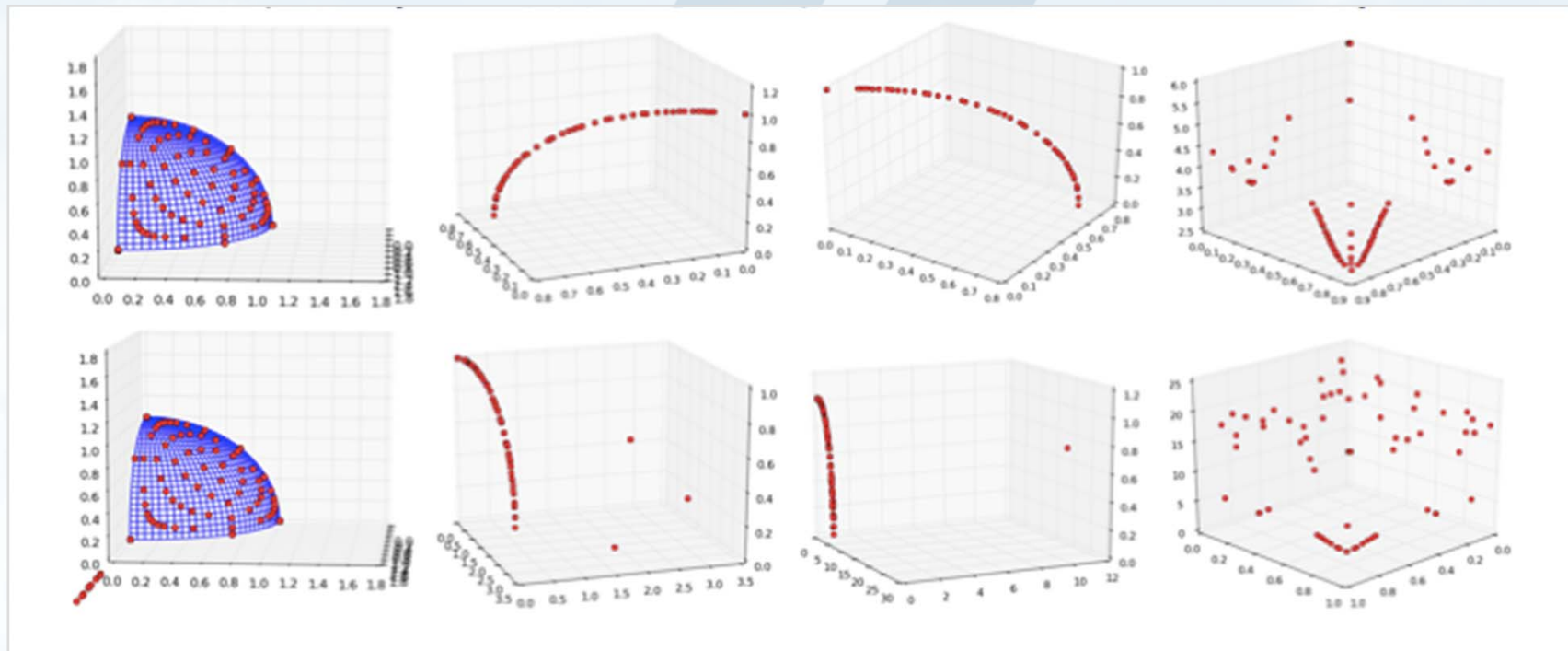
El-Ghazali Talbi



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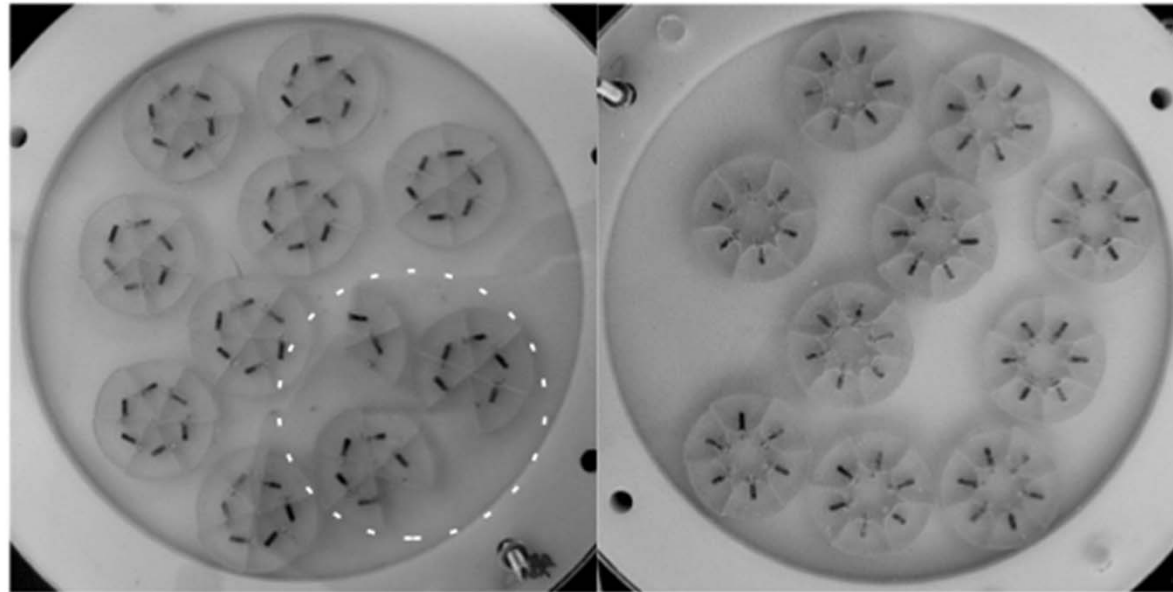
PaDe: a parallel algorithm based on the MOEA/D framework and the island model

Andrea Mambrini^{1*}, Dario Izzo²



A Geometrical Approach to the Incompatible Substructure Problem in Parallel Self-Assembly

Navneet Bhalla¹, Dhananjay Ipparthi², Eric Klemp³, and Marco Dorigo²



Level-based Analysis of Genetic Algorithms and other Search Processes

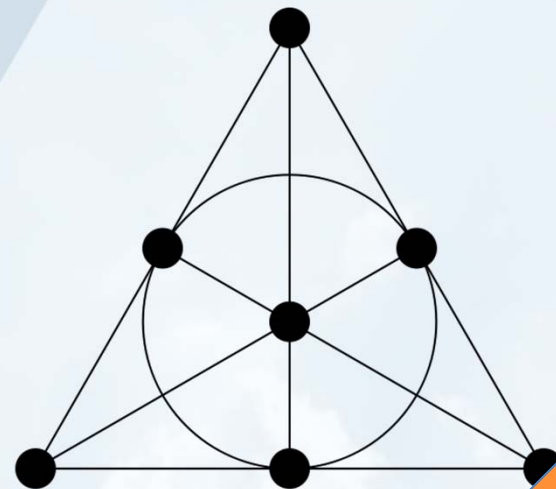
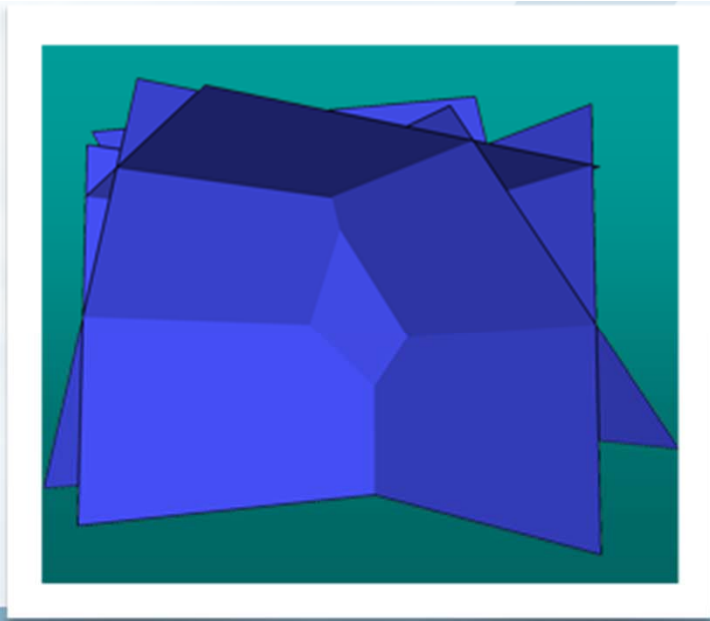
Dogan Corus¹, Duc-Cuong Dang¹, Anton V. Eremeev², Per Kristian Lehre¹



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Maximizing Submodular Functions under Matroid Constraints by Multi-Objective Evolutionary Algorithms

Tobias Friedrich¹ and Frank Neumann²



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