

Publicații – Oliviu Matei

Teza de doctorat

Aplicații teoretice și practice ale calculului evolutiv în rezolvarea problemelor de optimizare combinatorială, Universitatea Tehnică din Cluj-Napoca, 2012

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2. Oliviu Matei, *Evolutionary Computation: Principles and Practices*, Risoprint, 2008

Cărți și capitole în cărți

1. Oliviu Matei, Claudia Matei, *Theoretical and Practical Applications of Evolutionary Computation in Solving Combinatorial Optimization Problems*, UTPress, 2015
2. Oliviu Matei, *Design and Development of the Manura Robot*, Editura UTPress, 2014
3. Claudia Matei, Oliviu Matei, *Tehnici de data mining și ontologii aplicate în analiza radiografiilor toracice*, Editura UTPress, 2014
4. Liviu Gavrilăscu, Oliviu Matei, *Totul despre comerțul electronic*, Risoprint, 2009

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1. O. Matei, P.C. Pop, I. Sas and C. Chira, An improved immigration memetic algorithm for solving the heterogeneous fixed fleet vehicle routing problem, *Neurocomputing*, Elsevier, Vol. 150, Part A, pp. 58-66, 2015
2. P.C. Pop, O. Matei and C.-A. Comes, Reducing the bandwidth of sparse matrix with a genetic algorithm, *Optimization*, Taylor & Francis, Vol. 63(4), pp. 1851-1876, 2014.
3. O. Matei, P.C. Pop and H. Valean, Optical Character Recognition in Real Environments using Neural Networks and k-Nearest Neighbor, *Applied Intelligence*, Springer, Vol. 39(4), pp. 739-748, 2013.
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1. Oliviu Matei, Sistem de recunoastere si informare despre obiective, RO128426-A0
2. Oliviu Matei, Sistem de monitorizare la distanta a conditiilor meteo, avertizare si prognoza meteo, RO128325-A0
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