Monmarché / Talbi / Collet

Artificial Evolution

8th International Conference, Evolution Artificielle, EA 2007 Tours, France, October 29-31, 2007, Revised Selected Papers



This book is based on the best papers presented at the 8th Conference on Arti- 1 ?cial Evolution, EA 2007, held in Tours (France). Previous EA meetings took place in Lille (2005), Marseille (2003), Le Creusot (2001), Dunkerque (1999), Nimes (1997), Brest (1995), and Toulouse (1994). Authors were invited to present original work relevant to arti?cial evo- tion, including, but not limited to: evolutionary computation, evolutionary - timization, co-evolution, arti?cial life, population dynamics, theory, algori- mics and modeling, implementations, application of evolutionary paradigms to the real world (industry, biosciences,.), other biologically inspired paradigms (swarm,arti?cialants,arti? cialimmunesystems,.),memeticalgorithms,mul- objective optimization, constraint handling, parallel algorithms, dynamic op- mization, machine learning and hybridization with other soft computing techniques. Papers submitted to the conference were reviewed by at least three members of the International ProgramCommittee, and 30 out of the 62 submissions were selected to be presented at the Conference. As for the previous editions (see, in the samecollection,volumes1063,1363,1829,2310,2936,and3871),27ofthose paperswere revisedaccordingto the reviewers'comments,and arenowincluded in this volume, resulting in a 43.5% acceptance rate for this volume.

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