

Artificial Evolution

This book is based on the best papers presented at the 8th Conference on Artificial Evolution, EA 2007, held in Tours (France). Previous EA meetings took place in Lille (2005), Marseille (2003), Le Creusot (2001), Dunkerque (1999), Nîmes (1997), Brest (1995), and Toulouse (1994). Authors were invited to present original work relevant to artificial evolution, including, but not limited to: evolutionary computation, evolutionary optimization, co-evolution, artificial life, population dynamics, theory, algorithms and modeling, implementations, application of evolutionary paradigms to the real world (industry, biosciences,...), other biologically inspired paradigms (swarm, artificial ants, artificial immune systems,...), memetic algorithms, multi-objective optimization, constraint handling, parallel algorithms, dynamic optimization, machine learning and hybridization with other soft computing techniques. Papers submitted to the conference were reviewed by at least three members of the International Program Committee, and 30 out of the 62 submissions were selected to be presented at the Conference. As for the previous editions (see, in the same collection, volumes 1063, 1363, 1829, 2310, 2936, and 3871), 27 of those papers were revised according to the reviewers' comments, and are now included in this volume, resulting in a 43.5% acceptance rate for this volume.

This book is based on the best papers presented at the 8th Conference on Artificial Evolution, EA 2007, held in Tours (France). Previous EA meetings took place in Lille (2005), Marseille (2003), Le Creusot (2001), Dunkerque (1999), Nîmes (1997), Brest (1995), and Toulouse (1994). Authors were invited to present original work relevant to artificial evolution, including, but not limited to: evolutionary computation, evolutionary optimization, co-evolution, artificial life, population dynamics, theory, algorithms and modeling, implementations, application of evolutionary paradigms to the real world (industry, biosciences, ...), other biologically inspired paradigms (swarm, artificial ants, artificial immune systems,...), memetic algorithms, multi-objective optimization, constraint handling, parallel algorithms, dynamic optimization, machine learning and hybridization with other soft computing techniques. Papers submitted to the conference were reviewed by at least three members of the International Program Committee, and 30 out of the 62 submissions were selected to be presented at the Conference. As for the previous editions (see, in the same collection, volumes 1063, 1363, 1829, 2310, 2936, and 3871), 27 of those papers were revised according to the reviewers' comments, and are now included in this volume, resulting in a 43.5% acceptance rate for this volume.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540793045
Medium: Buch
ISBN: 978-3-540-79304-5
Verlag: Springer
Erscheinungstermin: 25.04.2008
Sprache(n): Englisch
Auflage: 2008
Serie: Theoretical Computer Science and General Issues
Produktform: Kartoniert
Gewicht: 534 g
Seiten: 330
Format (B x H): 155 x 235 mm

