PPSN: International Conference on Parallel Problem Solving from Nature

Parallel Problem Solving from Nature – PPSN X

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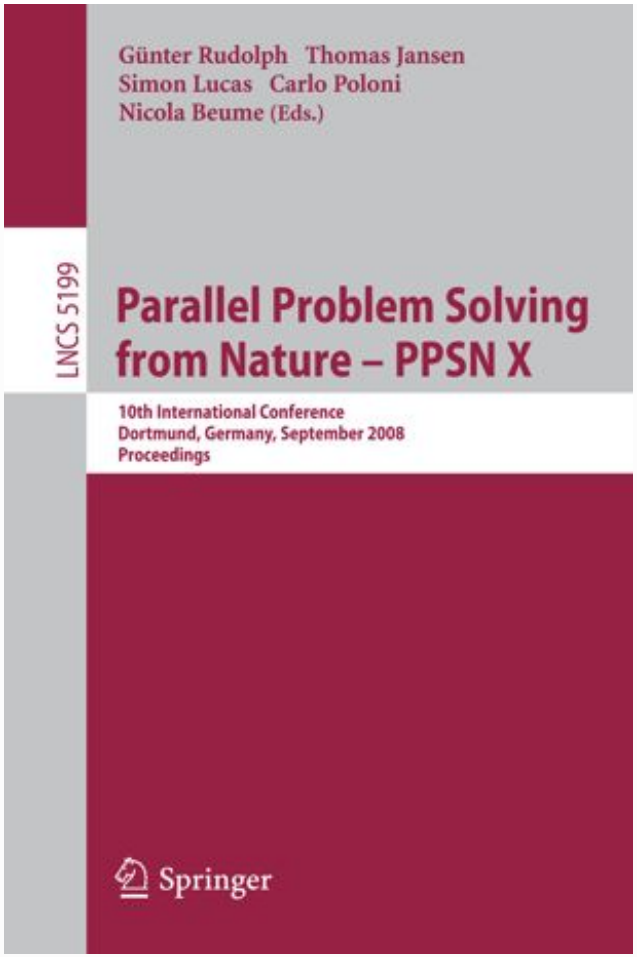

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About these proceedings

Introduction

This book constitutes the refereed proceedings of the 10th International Conference on Parallel Problem Solving from Nature, PPSN 2008, held in Dortmund, Germany, in September 2008.

The 114 revised full papers presented were carefully reviewed and selected from 206 submissions. The conference covers a wide range of topics, such as evolutionary computation, quantum computation, molecular computation, neural computation, artificial life, swarm intelligence, artificial ant systems, artificial immune systems, self-organizing systems, emergent behaviors, and applications to real-world problems. The paper are organized in topical sections on formal theory, new techniques, experimental analysis, multiobjective optimization, hybrid methods, and applications.

Keywords

artificial life ,evolution ,evolutionary computation ,multi-objective optimization ,optimization ,problem solving ,self-organizing system , swarm intelligence ,

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