

1. Record Nr.	UNISA996466007303316
Titolo	Parallel Problem Solving from Nature - PPSN IX [[electronic resource]] : 9th International Conference, Reykjavik, Iceland, September 9-13, 2006, Proceedings // edited by Thomas Philip Runarsson, Hans-Georg Beyer, Edmund Burke, Juan J. Merelo-Guervós, L. Darrell Whitley, Xin Yao
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-38991-1
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XIX, 1061 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4193
Disciplina	004.35
Soggetti	Computer systems Computer science Algorithms Computer programming Software engineering Artificial intelligence Computer System Implementation Theory of Computation Programming Techniques Software Engineering Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Theory -- New Algorithms -- Applications -- Multi-objective Optimization -- Evolutionary Learning -- Representations, Operators, and Empirical Evaluation.
Sommario/riassunto	We are very pleased to present this LNCS volume, the proceedings of the 9th International Conference on Parallel Problem Solving from Nature (PPSN IX). PPSN is one of the most respected and highly regarded conference series in evolutionary computation and natural computing / computation. This

biennial event was first held in Dortmund in 1990, and then in Brussels (1992), Jerusalem (1994), Berlin (1996), Amsterdam (1998), Paris (2000), Granada (2002), and Birmingham(2004).

PPSN continues to be the conference of choice by researchers all over the world, who value its high quality. We received 255 paper submissions this year. After an extensive peer review process involving more than 1000 reviews, the programme committee selected the top 106 papers for inclusion in this volume and, of course, for presentation at the conference. This represents an acceptance rate of 42%. The papers included in this volume cover a wide range of topics, from evolutionary computation to swarm intelligence and from bio-inspired computing to real-world applications. They represent some of the latest and best research in evolutionary and natural computation. Following the PPSN tradition, all papers at PPSN IX were presented as posters. There were 7 sessions: each session consisting of around 15 papers. For each session, we covered as wide a range of topics as possible so that participants with different interests could find some relevant papers in every session.
