1.	Record Nr.	UNINA9910143861603321
	Titolo	Advances in Artificial Life : 7th European Conference, ECAL 2003, Dortmund, Germany, September 14-17, 2003, Proceedings / / edited by Wolfgang Banzhaf, Thomas Christaller, Peter Dittrich, Jan, T. Kim, Jens Ziegler
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
	ISBN	3-540-39432-X
	Edizione	[1st ed. 2003.]
	Descrizione fisica	1 online resource (XXXII, 908 p.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 2801
	Disciplina	570.113
	Soggetti	Artificial intelligence
		Computer simulation
		Life sciences
		Computers
		Computer science—Mathematics
		User interfaces (Computer systems)
		Artificial Intelligence
		Simulation and Modeling
		Life Sciences, general
		Computation by Abstract Devices
		Discrete Mathematics in Computer Science
		User Interfaces and Human Computer Interaction
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
	Nota di contenuto	Artificial Chemistries, Self-Organization, and Self-Replication -- Artificial Societies -- Cellular and Neural Systems -- Evolution and Development -- Evolutionary and Adaptive Dynamics -- Languages and Communication -- Methodologies and Applications -- Robotics and Autonomous Agents.
	Sommario/riassunto	This book constitutes the refereed proceedings of the 7th European Conference on Artificial Life, ECAL 2003, held in Dortmund, Germany in

September 2003.The 96 revised full papers presented were carefully reviewed and selected from more than 140 submissions. The papers are organized in topical sections on artificial chemistries, self-organization, and self-replication; artificial societies; cellular and neural systems; evolution and development; evolutionary and adaptive dynamics; languages and communication; methodologies and applications; and robotics and autonomous agents.