

1. Record Nr.	UNINA9910141230203321
Titolo	Large-scale computing // edited by Werner Dubitzky, Krzysztof Kurowski, Bernhard Schott
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , c2012 [Piscataway, New Jersey] : , : IEEE Xplore, , [2012]
ISBN	1-283-40085-5 9786613400857 1-118-13049-9 1-118-13050-2 1-118-13047-2
Descrizione fisica	1 online resource (222 p.)
Collana	Wiley series on parallel and distributed computing ; ; 80
Classificazione	SCI040000
Altri autori (Persone)	DubitzkyWerner <1958-> KurowskiKrzysztof <1977-> SchottBernard <1962->
Disciplina	003.3 003/.3
Soggetti	Computer simulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"IEEE Computer Society."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	State-of-the-art technologies for large-scale computing / Florian Feldhaus, Stefan Freitag and Chaker El Amrani -- The e-infrastructure ecosystem : providing local support to global science / Erwin laure and Ake Edlund -- Accelerated many-core GPUcomputing for physics and astrophysics on three continents / Rainer Spurzem ... [et al.] -- An overview of the sim world agent-based grid experimentation system / Matthias Scheutz and Jack J. Harris -- Repast HPC : a platform for large-scale agent-based modeling / Nicholson Collier and Michael North -- Building and running collaborative distributed multiscale applications / Katarzyna Rycerz and Marian Bubak -- Large-scale data-intensive computing / Mark Parsons -- A topology-aware evolutionary algorithm for reverse-engineering gene regulatory networks / Martin Swain ... [et al.] -- QosCosGrid e-science infrastructure for large-scale complex system simulations / Krzysztof Kurowski ... [et al.]

"The aim of this book is to present a representative overview of contemporary large-scale computing technologies in the context of complex systems simulations applications"--
