

1. Record Nr.	UNINA9910820616103321
Titolo	Performance-oriented application development for distributed architectures : perspectives for commercial and scientific environments // edited by M. Gerndt
Pubbl/distr/stampa	Amsterdam ; a Washington, D.C., : IOS Press, 2002
ISBN	9786610505579 600-00-0516-4 1-280-50557-5 1-60129-452-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (107 p.)
Altri autori (Persone)	GerndtMichael
Disciplina	005.1
Soggetti	Electronic data processing - Distributed processing Application software Computer architecture High performance computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Also published as volume 10, no. 1 of the journal Scientific programming.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover -- Title page -- Contents -- Guest-editorial: PADDA 2001 -- Performance engineering, PSEs and the GRID -- NINJA: Java for high performance numerical computing -- Dynamic performance tuning supported by program specification -- Memory access behavior analysis of NUMA-based shared memory programs -- SKaMPI: a comprehensive benchmark for public benchmarking of MPI -- Efficiently building on-line tools for distributed heterogeneous environments -- Architecting Web sites for high performance -- Mobile objects in Java.
Sommario/riassunto	An exploration of programming models, languages and tools for performance-oriented program development in commercial and scientific environments. The papers are based on presentations given at the workshop PADDA 2001 and come from two areas - scientific computing and commercial computing.

