

1. Record Nr.	UNINA9910813841003321
Titolo	Getting up to speed : the future of supercomputing // Susan L. Graham, Marc Snir, and Cynthia A. Patterson, editors
Pubbl/distr/stampa	Washington, DC, : National Academies Press, c2005
ISBN	0-309-16551-2 1-280-20862-7 9786610208623 0-309-54679-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (305 p.)
Altri autori (Persone)	GrahamSusan L SnirMarc PattersonCynthia A
Disciplina	004.1/1
Soggetti	High performance computing Supercomputers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Committee on the Future of Supercomputing, Computer Science and Telecommunications Board, Division on Engineering and Physical Sciences, National Research Council of the National Academies."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	FrontMatter -- Preface -- Acknowledgment of Reviewers -- Contents -- Executive Summary -- 1 Introduction and Context -- 2 Explanation of Supercomputing -- 3 Brief History of Supercomputing -- 4 The Demand for Supercomputing -- 5 Today's Supercomputing Technology -- 6 Supercomputing Infrastructures and Institutions -- 7 Supercomputing Abroad -- 8 A Policy Framework -- 9 Stewardship and Funding of Supercomputing -- 10 The Future of Supercomputing- Conclusions and Recommendations -- Appendixes -- A Committee Member and Staff Biographies -- B Speakers and Participants at Meetings and Site Visits -- C List of White Papers Prepared for the Applications Workshop -- D Glossary and Acronym List.