1.	Record Nr.	UNINA9910456440003321
	Titolo	Learning and understanding [[electronic resource]] : improving advanced study of mathematics and science in U.S. high schools / / Committee on Programs for Advanced Study of Mathematics and Science in American High Schools ; Jerry P. Gollub ... [et al.], editors
	Pubbl/distr/stampa	Washington, DC, : National Academy Press, c2002
	ISBN	1-280-18470-1 9786610184705 0-309-51220-4
	Descrizione fisica	1 online resource (587 p.)
	Collana	Learning and understanding: improving advanced study of mathematics and science in U.S. high schools
	Altri autori (Persone)	GollubJ. P. <1944->
	Disciplina	507.1/073
	Soggetti	Mathematics - Study and teaching (Secondary) - United States Science - Study and teaching (Secondary) - United States Advanced placement programs (Education) Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"Center for Education, Division of Behavioral and Social Sciences and Education, National Research Council."
	Nota di bibliografia	Includes bibliographical references (p. 206-227) and index.

2. Record Nr.	UNISA996466085203316
Titolo	Ada-Europe '93 [[electronic resource]] : 12th Ada-Europe International Conference, "Ada Sans Frontieres", Paris, France, June 14-18, 1993. Proceedings / / edited by Michel Gauthier
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1993
ISBN	3-540-47748-9
Edizione	[1st ed. 1993.]
Descrizione fisica	1 online resource (VIII, 360 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 688
Disciplina	005.13/3
Soggetti	Programming languages (Electronic computers) Computer programming Software engineering Operating systems (Computers) Programming Languages, Compilers, Interpreters Programming Techniques Software Engineering Operating Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Progress of Ada as an international standard: ISO/IEC JTC1/SC22 WG9 Ada status -- Graphics development in Ada -- The olympus attitude and orbital control system A case study in hard real-time system design and implementation -- Information systems support in Ada 9X -- The impact of Ada on MIS applications -- SAMeDL — A pilot project -- Applying Ada9X to two real time applications: A case study -- An efficient compiler validation method for Ada 9X -- Avoiding anomalies in inheritance schemes -- Object-oriented design of an air defence simulator -- A comparison of the object oriented features of Ada 9X and C++ -- Use and abuse of exceptions — 12 guidelines for proper exception handling -- Error-prone exception handling in large Ada systems -- Structuring iterators to encourage reuse -- Tool for computing cohesion and coupling in Ada programs: DIANA dependent part -- Data compatibility in a heterogeneous processor environment

-- An operational computer aided software environment: ILIADE -- Performance expectations on Ada programs -- The impact of an Ada run-time system's performance characteristics on scheduling models -- Distributed run-time system, a protocol for Ada -- Certification of Ada real time executives for safety critical applications -- Performance evaluation of parallel Ada programs using an experimental multiprocessor -- Adam, an Ada simulation toolkit -- Real and virtual interrupt support: The mapping of a CARTS feature to two different architectures -- Toward a secondary standard for Hard Real-Time Ada: The Real-Time Rapporteur Group (ISO/JTC1/SC22/WG9/RRG) JTC 1.22.35.

Sommario/riassunto	This volume contains the proceedings of the twelfth Ada-Europe conference, held in France in 1993. The French name "Ada sans fronti res" (the only French words in the book) symbolizes the unlimitedness and novelty of Ada, as well as Europe-wide interest. Many papers relate to Ada-9X, the new standard that the Ada coimmunity is close to achieving after worldwide consultation and debate about requirements, specification, anddetailed definition. Their focus is on management, real-time, and compiler validation. Part of the conference was on object orientation, together with various issues relating to the general structure of the language, including exceptions to a certain use of genericity and heterogeneous data, efficiency, formal requirements and CASEs, and comparison with a competitor language. A third part relates to real-time, past with performance measurement, present with certification andapplications, and future with the ExTRA project and 9X.

3.	Record Nr.	UNINA9910138410903321
	Autore	Rupp Carriveau
	Titolo	Fundamental and Advanced Topics in Wind Power / / edited by Rupp Carriveau
	Pubbl/distr/stampa	IntechOpen, 2011 Rijeka, Croatia : , : IntechOpen, , 2011 ©2011
	ISBN	953-51-4491-X
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (436 pages) : illustrations
	Disciplina	621.312136
	Soggetti	Wind Power
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	As the fastest growing source of energy in the world, wind has a very important role to play in the global energy mix. This text covers a spectrum of leading edge topics critical to the rapidly evolving wind power industry. The reader is introduced to the fundamentals of wind energy aerodynamics; then essential structural, mechanical, and electrical subjects are discussed. The book is composed of three sections that include the Aerodynamics and Environmental Loading of Wind Turbines, Structural and Electromechanical Elements of Wind Power Conversion, and Wind Turbine Control and System Integration. In addition to the fundamental rudiments illustrated, the reader will be exposed to specialized applied and advanced topics including magnetic suspension bearing systems, structural health monitoring, and the optimized integration of wind power into micro and smart grids.