

1. Record Nr.	UNINA9910810530703321
Titolo	Retooling manufacturing : bridging design, materials, and production / / Committee on Bridging Design and Manufacturing, Board on Manufacturing and Engineering Design, National Materials Advisory Board, Division on Engineering and Physical Sciences
Pubbl/distr/stampa	Washington, DC, : National Academies Press, c2004
ISBN	0-309-18225-5 1-280-17593-1 9786610175932 0-309-53341-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (123 p.)
Disciplina	670.42/7
Soggetti	Manufacturing processes Concurrent engineering Systems engineering Engineering design Production engineering
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.
Nota di contenuto	FrontMatter -- Preface -- Contents -- Executive Summary -- 1 The Need to Bridge Design, Materials, and Production -- 2 Framework for Virtual Design and Manufacturing -- 3 Tools for Virtual Design and Manufacturing -- 4 Economic Dimension of Bridging Design and Manufacturing -- 5 Barriers to Virtual Design and Manufacturing in DoD Acquisition -- 6 Summary, Recommendations, and Research Needs -- Appendixes -- Appendix A Biographical Sketches of Committee Members -- Appendix B Meeting Agendas -- Appendix C Current Engineering Design Tools. -- Appendix D Selected Computer- Based Tools Vendors -- Appendix E Acronyms.