

1. Record Nr.	UNINA9910815013503321
Titolo	Frontiers in crystalline matter : from discovery to technology // Committee for an Assessment of and Outlook for New Materials Synthesis and Crystal Growth ; Board on Physics and Astronomy ; Division on Engineering and Physical Sciences ; National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2009
ISBN	0-309-14702-6 1-282-43721-6 9786612437212 0-309-13801-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (193 p.)
Disciplina	548.81028
Soggetti	Crystal growth Crystallography - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Summary""; ""1 Introduction""; ""2 Science and Technology of Crystalline Systems""; ""3 The Status of Activities in the Discovery and Growth of Crystalline Materials""; ""4 Conclusions and Recommendations""; ""Appendices""; ""Appendix A: Charge to the Committee""; ""Appendix B: Biographies of Committee Members""; ""Appendix C: Meeting Agendas""; ""Appendix D: Synthesis Techniques""; ""Appendix E: Classes of Materials""; ""Appendix F: Working Draft of Policies and Procedures for a Crystalline Materials Network"" ""Appendix G: Educational Role of Centers of Expertise for Discovery and Growth of Crystalline Materials""