

1. Record Nr.	UNINA9910782282703321
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Titolo	Crystal growth for beginners [[electronic resource]] : fundamentals of nucleation, crystal growth and epitaxy // Ivan V Markov
Pubbl/distr/stampa	Singapore ; ; River Edge, N.J., : World Scientific, c2003
ISBN	1-281-94791-1 9786611947910 981-279-689-4
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (xviii, 546 p.) : ill
Disciplina	548/.5
Soggetti	Crystal growth
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 1995.
Nota di bibliografia	Includes bibliographical references (p. 513-540) and index.
Nota di contenuto	Crystal -- Ambient Phase Equilibrium - Nucleation - Crystal Growth - Epitaxial Growth
Sommario/riassunto	A textbook on the fundamentals of nucleation, crystal growth and epitaxy, written from a unified point of view. All formulae and equations are accompanied by examples of technological importance. The reader is required to possess some basic knowledge of mathematics and physics.