

1. Record Nr.	UNINA9911019340003321
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Titolo	Amplitude modulation atomic force microscopy / / Ricardo Garcia
Pubbl/distr/stampa	Weinheim, Germany, : Wiley-VCH, 2010
ISBN	9786612783906 9783527643943 352764394X 9781282783904 1282783904 9783527632183 3527632182 9783527632190 3527632190
Descrizione fisica	1 online resource (195 p.)
Disciplina	502.82
Soggetti	Atomic force microscopy Amplitude modulation
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 and index.
Nota di contenuto	Amplitude Modulation Atomic Force Microscopy; Contents; Preface; Annotation List; 1 Introduction; 2 Instrumental and Conceptual Aspects; 3 Tip-Surface Interaction Forces; 4 Theory of Amplitude Modulation AFM; 5 Advanced Theory of Amplitude Modulation AFM; 6 Amplitude Modulation AFM in Liquid; 7 Phase Imaging Atomic Force Microscopy; 8 Resolution, Noise, and Sensitivity; 9 Multifrequency Atomic Force Microscopy; 10 Beyond Topographic Imaging; References; Index
Sommario/riassunto	Filling a gap in the literature, this book features in-depth discussions on amplitude modulation AFM, providing an overview of the theory, instrumental considerations and applications of the technique in both academia and industry. As such, it includes examples from material science, soft condensed matter, molecular biology, and biophysics, among others. The text is written in such a way as to enable readers from different backgrounds and levels of expertise to find the

information suitable for their needs.
