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Analysis Techniques for Micro- and Nanosize Particles and Surface Features; 1 Introduction; 2 Impact of Contaminants; 3 Nature and Size of Particles

4 Recent Developments in Characterization Techniques5 Miscellaneous Innovative Applications of Characterization Methods; 6 Summary; Disclaimer; References; Chapter 6 - Atomic Force Microscopy for Characterization of Surfaces, Particles, and Their Interactions; 1 Introduction; 2 AFM - Modes of Operation; 3 Adhesion Forces; 4 Application of AFM; 5 Summary; References; Index

Sommario/riassunto

In this series Rajiv Kohli and Kash Mittal have brought together the work of experts from different industry sectors and backgrounds to provide a state-of-the-art survey and best-practice guidance for scientists and engineers engaged in surface cleaning or handling the consequences of surface contamination. The expert contributions in this volume cover important fundamental aspects of surface contamination that are key to understanding the behavior of specific types of contaminants. This understanding is essential to develop preventative and mitigation methods for contamination cont

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Titolo

Über Land und Meer : allgemeine illustrierte Zeitung

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Descrizione fisica

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Soggetti

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