Record Nr. UNINA9910784630403321 Handbook of surfaces and interfaces of materials [[electronic resource] **Titolo** /] / edited by Hari Singh Nalwa Pubbl/distr/stampa San Diego,: Academic Press, c2001 **ISBN** 1-283-71688-7 0-08-053382-5 Descrizione fisica 1 online resource (1915 p.) Altri autori (Persone) NalwaHari Singh <1954-> Disciplina 620.1/1 Materials science Soggetti Surfaces (Physics) Surface chemistry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto v. 1. Surface and interface phenomena -- v. 2. Surface and interface analysis and properties -- v. 3. Nanostructured materials, micelles, and colloids -- v. 4. Solid thin films and layers -- v. 5. Biomolecules, biointerfaces, and applications. This handbook brings together, under a single cover, all aspects of the Sommario/riassunto chemistry, physics, and engineering of surfaces and interfaces of materials currently studied in academic and industrial research. It covers different experimental and theoretical aspects of surfaces and interfaces, their physical properties, and spectroscopic techniques that have been applied to a wide class of inorganic, organic, polymer, and biological materials. The diversified technological areas of surface science reflect the explosion of scientific information on surfaces and

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