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| Descrizione fisica | 1 online resource (466 p.) |
| Collana | Materials science and process technology series |
| Altri autori (Persone) | WachtmanJ. B. <1928-> HaberRichard A. <1960-> |
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| Soggetti | Ceramic coating Thin films |
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| 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 | ""Preface""; ""Contributors""; ""Contents""; ""1 Ceramic Films and Coatings An Overview""; ""2 CVD Coated Cutting Tools""; ""3 Wear Resistant Thin Films by Ion Implantation""; ""4 Corrosion Resistant Thick Films by Enamelling""; ""5 Plasma Sprayed Ceramic Coatings""; ""6 Optical Thin Films""; ""7 Sol-Gel Derived Ceramic Coatings""; ""8 Electronic Thick Film Technology""; ""9 Electronic Films From Metallo-Organic Precursors""; ""10 Chemical Characterization Techniques for Thin Films""; ""11 High Tc Superconducting Thin Films""; ""12 Chemical Vapor Deposited Diamond""; ""Index"" |
| Sommario/riassunto | This is a comprehensive overview of the major areas of ceramic thin films and coatings, by 21 authorities on the subject. The book is directed toward potential users of the technology and will also provide a broad update for experts in the field. The book presents a series of reviews of many of the most active and technically important areas of ceramic films and coatings. This thorough review of the state of the art of ceramic films and coatings should be a welcome addition to the ceramic engineers' or scientists' library. |