

|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910455687003321                                                                                                                          |
| Autore                  | Timmons Deborah                                                                                                                                |
| Titolo                  | ExamInsight FOR MCP / MCSE [[electronic resource] ] : Windows 2000 Professional Certification Exam 70-210 / / Deborah Timmons, Patrick Timmons |
| Pubbl/distr/stampa      | Friendswood, Tex., : TotalRecall Publications, c2003                                                                                           |
| ISBN                    | 0-585-47768-X                                                                                                                                  |
| Descrizione fisica      | 1 online resource (650 p.)                                                                                                                     |
| Altri autori (Persone)  | TimmonsPatrick                                                                                                                                 |
| Soggetti                | Electronic data processing personnel - Certification<br>Microsoft software - Examinations<br>Electronic books.                                 |
| Lingua di pubblicazione | Inglese                                                                                                                                        |
| Formato                 | Materiale a stampa                                                                                                                             |
| Livello bibliografico   | Monografia                                                                                                                                     |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph                                                                                                |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Record Nr.           | UNINA9910790310503321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Titolo                  | Solid state chemistry and photocatalysis of titanium dioxide : special topic volume with invited peer reviewed papers only // edited by Maria K. Nowotny and Janusz Nowotny                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pubbl/distr/stampa      | Stafa-Zurich : , : Trans Tech, , [2009]<br>©2009                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ISBN                    | 3-03813-373-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Descrizione fisica      | 1 online resource (340 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Collana                 | Diffusion and defect data. Pt. B. Solid state phenomena, , 1012-0394 ; ; volume 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Altri autori (Persone)  | NowotnyMaria K<br>NowotnyJanusz <1936->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Disciplina              | 628.1/66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Soggetti                | Water - Purification - Photocatalysis<br>Titanium dioxide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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       | Solid State Chemistry and Photocatalysis of Titanium Dioxide;<br>Foreword; Table of Contents; Molecular Mechanism of Water Oxidation Reaction at Photo-Irradiated TiO <sub>2</sub> and Related Metal Oxide Surfaces ; Development of Visible-Light-Driven TiO <sub>2</sub> and SrTiO <sub>3</sub> Photocatalysts Doped with Metal Cations for H <sub>2</sub> or O <sub>2</sub> Evolution ; Investigations of Photo-Excited TiO <sub>2</sub> Based on Time Resolved Microwave Conductivity and Oxygen Isotopic Exchange; Surface Modified Titania Visible Light Photocatalyst Powders; Titanium Dioxide Photocatalyst - Unresolved Problems<br>Tayloring the Photocatalytical Activity of Anatase TiO <sub>2</sub> Thin Film Electrodes by Three-Dimensional Mesoporosity Surface Science Approach to Photochemistry of TiO <sub>2</sub> ; Composite Titanium Dioxide Photocatalysts and the ""Adsorb & Shuttle"" Approach: A Review ; X-Ray Photoelectron Spectroscopy of Anatase-TiO <sub>2</sub> Coated Carbon Nanotubes ; Efficient Photoelectrochemical Splitting of Water to H <sub>2</sub> and O <sub>2</sub> at Nanocrystalline Carbon Modified (CM)-n-TiO <sub>2</sub> Thin Films; Structure-Reactivity Relationships of Anatase and Rutile TiO <sub>2</sub> Nanocrystals Measured by In Situ Vibrational Spectroscopy<br>Sol-Gel Titania and Titania-Silica Mixed Oxides Photocatalysts An |

Overview of Semi-Conductor Photocatalysis: Modification of TiO<sub>2</sub> Nanomaterials; Controlled Synthesis of Titanium Dioxide Nanostructures; Photocatalytical Properties of TiO<sub>2</sub> Nanotubes; Titanium Dioxide Photocatalysts: Performance Related Properties; Keywords Index; Authors Index

---

**Sommario/riassunto**

The goal of this special volume was to provide a unique opportunity to exchange information, to present the latest results and to review relevant issues affecting contemporary diffusion research. The large number (over 232) of peer-reviewed papers emphasizes the considerable academic and industrial interest in this field. This interesting book offers much food-for-thought concerning the topic.

---