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| 1. Record Nr.           | UNINA990001226240403321   |
| Autore                  | Gerstein, Larry J.  |
| Titolo                  | Discrete mathematics and algebraic structures / by Gerstein L J.  |
| Pubbl/distr/stampa      | New York : Freeman, 1987  |
| Collana                 | A Series Books in the Mathematical Sciences   |
| Locazione               | MA1   |
| Collocazione            | 114-B-54  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| 2. Record Nr.           | UNINA9910147245603321   |
| Titolo                  | ANSI N42.31-2003 : American National Standard for Measurement Procedures for Resolution and Efficiency of Wide-Band Gap Semiconductor Detectors of Ionizing Radiation // IEEE   |
| Pubbl/distr/stampa      | New York : , : IEEE, , [2003]   |
| Descrizione fisica      | 1 online resource (vii, 33 pages) : illustrations   |
| Disciplina              | 539.2   |
| Soggetti                | Ionizing radiation  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Includes index.   |
| Sommario/riassunto      | Standard measurement and test procedures are established for wide-bandgap semiconductor detectors such as cadmium telluride (CdTe), cadmium-zinc-telluride (CdZnTe), and mercuric iodide (HgI <sub>2</sub> ) that can be used at room temperature for the detection and quantitative characterization of gamma-rays, X-rays, and charged particles. |

Standard terminology and descriptions of the principal features of the detectors are included. Included in this standard is an annex on interfering electromagnetic noise, which is a factor in such measurements.

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