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| 1. Record Nr.           | UNINA9910136267603321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Titolo                  | IEEE Std 347-1972 (ANSI S4.6-1973) : IEEE standard method of measuring recorded flux of magnetic sound records at medium wavelengths / / Institute of Electrical and Electronics Engineers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Pubbl/distr/stampa      | Piscataway, New Jersey : , : IEEE, , 1972                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ISBN                    | 1-5044-0312-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Descrizione fisica      | 1 online resource (8 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Disciplina              | 621.38932                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Soggetti                | Magnetic recorders and recording<br>Magnetic tapes<br>Sound - Recording and reproducing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sommario/riassunto      | The knowledge of the recorded signal amplitude on a magnetic record (which may be in the form of a tape, a disc, o a perforated film) has several practical uses: (1) for determining and standardizing references for the levels of audio programs on these magnetic records; (2) for specifying the recording-performance properties of magnetic media (for example, the distortion versus flux, etc); and (3) for measuring and specifying the sensitivity of reproducing heads (and also, by reciprocity, recording heads). The quantity for specifying the recorded signal is the short-circuit magnetic flux, sometimes simply shortened to flux. Several possible methods exist for measuring tape flux, but the measurement given here involves only the use of a calibrated ring-core head which is described in the reference of the standard. Note that the present standard measurement is only for "medium wavelengths". |