

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910135418003321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Titolo                  | ANSI/IEEE Std 754-1985 : IEEE standard for binary floating-point arithmetic / / Institute of Electrical and Electronics Engineers                                                                                                                                                                                                                                                                                                                                                                                                            |
| Pubbl/distr/stampa      | New York, New York : , : IEEE, , 1985                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ISBN                    | 0-7381-1165-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Descrizione fisica      | 1 online resource (18 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Disciplina              | 005.453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Soggetti                | Compiling (Electronic computers)<br>Floating-point arithmetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sommario/riassunto      | A family of commercially feasible ways for new systems to perform binary floating-point arithmetic is defined. This standard specifies basic and extended floating-point number formats; add, subtract, multiply, divide, square root, remainder, and compare operations; conversions between integer and floating-point formats; conversions between different floating-point formats; conversions between basic-format floating-point numbers and decimal strings; and floating-point exceptions and their handling, including nonnumbers. |