1. Record Nr. UNINA9910136434303321 ANSI/IEEE Std 449-1984: IEEE Standard for Ferroresonant Voltage **Titolo** Regulators / / Institute of Electrical and Electronics Engineers Pubbl/distr/stampa New York, N.Y.:,: IEEE, , 1982 **ISBN** 1-5044-0346-0 Descrizione fisica 1 online resource (26 pages): illustrations Disciplina 621.3815 Soggetti Voltage regulators **Transistors** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This standard pertains to ferroresonant voltage regulators which operate at relatively constant frequencies and provide substantially constant output voltages in spite of relatively large changes of input voltage, and to controlled ferroresonant regulators which maintain substantially constant output voltages regardless of variations, within limits, of input voltage, temperature, frequency, and output load. Guides to application and test procedures are included. Provision is made for relating the characteristics of ferroresonant regulators to associated rectifiers and circuits. Definitions pertaining to ferroresonance and ferroresonant regulators which have not been found elsewhere are included with an appropriate discussion. This standard includes, but is not limited to, the following types of ferroresonant regulators: (1) Series ferroresonant regulators (2) Seriesparallel ferroresonant regulators (electrically connected) (3) Ferroresonant transformer regulators (magnetically coupled) (4)

Controlled ferroresonant regulators.