1. Record Nr. UNISA996280296103316

Titolo	Contemporary Computing (IC3), 2013 Sixth International Conference on / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Institute of Electrical and Electronics Engineers : , : Institute of Electrical and Electronics Engineers, , 2013
ISBN	1-4799-0192-X
Descrizione fisica	1 online resource
Disciplina	004
Soggetti	Computer science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The conference invites papers about algorithmic, systemic, applied, and educational aspects of contemporary computing Topics include a rich diversity of computing areas Distributed & Cloud Computing, Parallel & Multi core Computing, Novel Algorithmic Paradigms, Algorithms, Machine Learning, Intelligent Systems, Data Mining & Knowledge Discovery, Big Data Analytics, Information Security, Mobile Computing, Computer Vision, Graphics, and Image Processing, Multimedia Computing, Next generation Internet, Embedded Systems and Robotics, Human Computer Interaction, E commerce, Software Engineering, Bio informatics and Scientific Computing, Wireless Networking, Medical Informatics, Computer Science Education, etc.

2. Record Nr. UNISA996559972803316

Titolo	522-2023 - IEEE Guide for Testing Turn Insulation of Form-Wound Stator Coils for Alternating-Current Electric Machines / / IEEE
Pubbl/distr/stampa	New York, USA : , : IEEE, , 2023
ISBN	979-88-557-0131-9
Descrizione fisica	1 online resource (34 pages) : illustrations
Disciplina	693.8
Soggetti	Insulation (Heat)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Made in this guide are suggestions on testing the dielectric strength of the insulation separating the various turns from each other within multi-turn form-wound coils to determine the acceptability of the coils. Typical ratings of machines employing such coils normally lie within the range of 200 kW to 100 MW. Test voltage levels described herein do not evaluate the ability of the turn insulation to withstand abnormal voltage surges, as contrasted to surges associated with normal operation. These suggestions apply to the following: (a) Individual stator coils after manufacture (b) Coils in completely wound stators of original manufacture (c) Coils and windings for rewinds of used machinery (d) Windings of machines in service to determine their suitability for further service (preventive-maintenance testing) The repetitive voltage surges (spikes) associated with Variable Frequency Drives (VFDs) are not addressed here.