

1. Record Nr.	UNINA9910389531603321
Titolo	2019 6th International Advanced Research Workshop on Transformers (ARWtr 2019) : Cordoba, Spain, 7 - 9 October 2019 / / Xose M. Lopez-Fernandez, editor
Pubbl/distr/stampa	Pistacaway, New Jersey : , : IEEE, , [2019] ©2019
ISBN	84-09-11743-6
Descrizione fisica	1 online resource (110 pages) : illustrations
Disciplina	621.314
Soggetti	Electric transformers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1.- CFD Based Sensitivity Study of Cooling Performance of Transformer Radiators -- 2.- Coupled CFD-Network Simulations for Cooling of Transformers -- 3.- Improvements on Thermal Performance of Power Transformers: Modelling and Testing -- 4.- Developing an Accurate Load Noise Formula for Power Transformers -- 5.- Optimum Shielding Design for Losses and Noise Reduction in Power Transformers -- 6.- Open Phase Faults in the Start-up Power Supply System of a Nuclear Power Generating Station -- 7.- Sizing Step-up Transformers for Solar Generation based on Load Profiles Predictability -- 8.- Probabilistic Power Transformer Condition Monitoring in Smart Grids -- 9.- Power Transformers for Wind Applications. Requirements and Challenges -- 10.- Integration of TDSF into TECAM Transformer Online Trans. Monitoring System -- 11.- Analysis of the Impregnation Process of Cellulosic Materials by Ester-Based Insulating Liquids -- 12.- Case Study - Calculation of DGA Limit Values and Sampling Interval in Power Transformers -- 13.- Using The FDS Technique in Transformer Factory Drying -- 11.- Analysis of the Impregnation Process of Cellulosic Materials by Ester-Based Insulating Liquids -- 12.- Case Study - Calculation of DGA Limit Values and Sampling Interval in Power Transformers -- 13.- Using The FDS Technique in Transformer Factory Drying -- 14.- Molecular Dynamics Simulation on the Generation of Ethanol for Insulating Paper -- 15.- Evaluation of Physical-Chemical

Characteristics of Mineral Oils Mixed with Synthetic Esters -- 16.-
Partial Discharges Measurements for Condition Monitoring and
Diagnosis of Power Transformers: A Review -- 17.- An Intelligent
Reluctance Network Model for the Study of Large Power and
Distribution Transformers -- 18.- On-Site Dry-type Power Transformer
Condition Assessment Based on Partial Discharge Activity -- 19.- Arc
Flash Analysis in Control Cabinets of Power Transformers -- 20.-
Improvement of RVM Test Interpretation Using a Debye Equivalent
Circuit -- ARWtr 2019 -- Author Index -- ARWtr 2019 Reviewer List.
