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Nota di contenuto	Relative permittivity assessment of oil-impregnated cellulose insulation -- Difference between 50 Hz and 60 Hz transformer no-load noise levels -- Reproducibility estimation of sound power level of large power transformers -- Stressed Oil Volume Theory in Transformer Winding Corner Stress Analysis -- Synthetic Ester Impact on Power Transformer Design, Manufacturing and Testing -- Future Trends in Transformer Online Monitoring. Optimal cooling and life time management for power transformers -- Analysis of Overvoltages on Power Transformer Recorded by Transient Overvoltage Monitoring System.
Sommario/riassunto	This book presents the proceedings of the 5th International Colloquium "Transformer Research and Asset Management," held in Opatija, Croatia, on October 9–12, 2019. The papers chiefly focus on three groups of topics: 1. Numerical Modeling: Electromagnetic fields—Coupled fields—Transients—Numerical modeling in design 2. Materials, Components and New Technologies: Insulating materials—Magnetic materials and transformer noise—Transformer components—New transformer technologies 3. Transformer Lifecycle Management: Diagnostics and monitoring—Failure—Asset management—In-service experiences. The Colloquium was organized by the Croatian National Committee of CIGRE together with the Faculty of Electrical Engineering and Computing in Zagreb and the Centre of Excellence for

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