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Nota di contenuto	Intro -- Contents -- Electric Component Design and Optimization -- An Improved Calculation Method for Magnetic Flux Leakage of Dry-Type Transformer -- 1 Introduction -- 2 Calculation Method of Magnetic Flux Leakage -- 3 Simulation Results of Magnetic Flux Leakage -- 3.1 Magnetic Flux Leakage Pattern Analysis -- 3.2 Longitudinal Magnetic Flux Leakage Component of Windings -- 3.3 Radial Magnetic Flux Leakage Distribution of Windings -- 4 Comparison Between Calculated Values and Simulated Value of Leakage Inductance of Transformer -- 5 Conclusion -- References -- Research on a 60 kW High Speed Permanent Magnet Synchronous Integrated Motor Drive for Electric Vehicles -- 1 Introduction -- 2 Integrated Motor Topology -- 2.1 Selection of Slot/Pole Combination -- 2.2 Selection of Magnet Structure -- 3 Integrated Approach and Analysis -- 3.1 Selection of Integration Mode -- 3.2 Thermal Analysis to the Machine in IMD -- 4 Controller in IMD -- 4.1 Controller Topology -- 4.2 Selection of Integration Mode -- 5 Prototype -- 6 Conclusion -- References -- A Magnetic Field Analysis Research of Permanent Magnet Motor -- 1 Introduction -- 2 Reluctance Refinement -- 2.1 Magnet Part -- 2.2 Slot Part and Airgap Part -- 3 Magnetic Circuit and Result -- 3.1 Magnetic Circuit -- 3.2 Air Gap Flux

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