

CES Transactions on Electrical Machines and Systems

December 2023 Volume 7 Number 4 (ISSN 2096-3564)

Content

- 351 An Improved Preisach Distribution Function Identification Method Considering the Reversible Magnetization *L. Chen, L. S. Cui, T. Ben, L. B. Jing*
- 358 Design Optimization of a Novel Axial-radial Flux Permanent Magnet Claw Pole Machine with SMC Cores and Ferrite Magnets *C. C. Liu, F. Yang, W. F. Zhang, Y. H. Wang*
- 366 Permanent Magnet Axial Section Shaping Optimization Surface-mounted Permanent Magnet Synchronous Motor *S. N. Wu, Q. F. Zhao, W. M. Tong*
- 372 Multi-Objective Optimization Analysis of Auxiliary Flux Modulator Magnetic Gear with Unequal Magnetic Poles *Z. Su, L. B. Jing*
- 379 An Improved DITC Control Method Based on Turn-on Angle Optimization *C. Z. Huang, W. S. Cao, Z. Chen, Y. L. Wu, Y. M. Geng*
- 390 Cooling System Design Optimization of an Enclosed PM Traction Motor for Subway Propulsion Systems *L. N. Li, N. Jia, X. Z. Wang, Y. R. Yun, G. J. Zhu*
- 397 Research on Thermal Calculation and End Winding Heat Conduction Optimization of Low Speed High Torque Permanent Magnet Synchronous Motor..... *S. N. Wu, Z. M. Li, W. M. Tong*
- 404 Harmonics in the Squirrel Cage Induction Motor, Analytic Calculation Part II: Synchronous Parasitic Torques, Radial Magnetic Forces *G. Kovács*
- 422 Investigation of Various Laminating Materials for Interior Permanent Magnet Brushless DC Motor for Cooling Fan Application *A. Infantraj, M. Augustine, E. F. I. Raj, M. Appadurai*