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Optimization of High Frequency Transformer Based on Advanced Genetic Algorithm

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Traditional transformer design optimization is obviously inadequate,the main content of this paper that we should consider the high-frequency loss model, using the improved genetic theory, to achieve a fast and efficient multi-objective optimization method,and compared the result of the classic multi-objective optimal method and the NSGA II to get the most effective method which will open up new ways to design of high-frequency high voltage and high power transformer.

Primary authors: Prof. GU, Xiaowei (Zhejiang Sci-Tech University); YANG, Zhiting (Zhejiang Sci-Tech University)

Co-author: Mr JIN, Danchen (Zhejiang Sci-tech University)

Presenter: YANG, Zhiting (Zhejiang Sci-Tech University)

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