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THE MAIN TRENDS OF SEMICONDUCTOR MAGNETIC-PULSE GENERATORS

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Abstract

The results of research and systematization of publications, which summarize the main trends in the further development of modern high-voltage semiconductor magnetic-pulse generators in the nanosecond range are set out. The main new and specific nodes of generators that determine the improved performance was considered. Seven main trends in the development of semiconductor magnetic-pulse generator was formulated. References 10, figures 5.

Key words: semiconductor magnetic-pulse generator, impulse-compression node.

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