

**On dead-time optimization and active gate driving in flyback converters with synchronous rectifiers**

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**Soft-switching current-FED flyback converter with natural clamping for low voltage battery energy storage applications**

**Kosenko, Roman; Vinnikov, Dmitri** Technological Innovation for Smart Systems : 8th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2017, Costa de Caparica, Portugal, May 3–5, 2017 :

proceedings 2017 / p. 429–436 [https://doi.org/10.1007/978-3-319-56077-9\\_42](https://doi.org/10.1007/978-3-319-56077-9_42) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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**Three-port flyback converter for photovoltaic module integration in bipolar DC microgrids**

**Chub, Andrii; Zinchenko, Denys; Vinnikov, Dmitri; Blinov, Andrei** 2020 IEEE International Conference on Industrial Technology, Buenos Aires Institute of Technology (ITBA) Buenos Aires, Argentina, 26-28 February, 2020 : proceedings 2020 / p. 909-914

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