Asymmetrical PWM control of galvanically isolated impedance-source series resonant DC-DC converters

Vinnikov, Dmitri; **Zakis, Janis**; **Chub, Andrii**; **Liivik, Elizaveta** 2016 10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG): proceedings: Opera Nova's Congress Center, Bydgoszcz, Poland, 29. June - 01. July, 2016 2016 / p. 341-346: ill https://doi.org/10.1109/CPE.2016.7544211

Evaluation of GaN HEMTs for high-voltage stage of isolated DC-DC converters

Chub, Andrii; Zdanowski, Mariusz; Blinov, Andrei; Rabkowski, Jacek 2016 10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG): proceedings: Opera Nova's Congress Center, Bydgoszcz, Poland, 29. June - 01. July, 2016 2016 / p. 375-379: ill https://doi.org/10.1109/CPE.2016.7544217

Feasibility study of cascading of full soft-switching current-fed naturally clamped DC-DC converters

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Four level inverter's DC bus voltage balancing with 3-Terminal DAB converter

Grabarek, Maciej; Strzelecki, Ryszard; Tomasov, Valentin S.; **Vinnikov, Dmitri** 2016 10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG): proceedings: Opera Nova's Congress Center, Bydgoszcz, Poland, 29. June - 01. July, 2016 2016 / p. 396-401: ill https://doi.org/10.1109/CPE.2016.7544221

Hardware-in-the-loop simulator of a flow control system for centrifugal pumps

Gevorkov, Levon; **Vodovozov, Valery**; **Lehtla, Tõnu**; **Raud, Zoja** 2016 10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG): proceedings: Opera Nova's Congress Center, Bydgoszcz, Poland, 29. June - 01. July, 2016 2016 / p. 472-477: ill https://doi.org/10.1109/CPE.2016.7544234

Modeling of grid-connected quasi-Z-source series resonant topology based microinverter

Roasto, Indrek; Jalakas, Tanel; Husev, Oleksandr 2016 10th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG): proceedings: Opera Nova's Congress Center, Bydgoszcz, Poland, 29. June - 01. July, 2016 2016 / p. 192-195: ill https://doi.org/10.1109/CPE.2016.7544183

Single-phase 3L PR controlled qZS inverter connected to the distorted grid

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Zero-voltage switching galvanically isolated current-fed full-bridge DC-DC converter

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