

Address from the General Chairman

Zakis, Janis 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum 2011 / p. 3

Analysis of buck mode realization possibilities in quasi-Z-source DC-DC converters with voltage doubler rectifier

Zakis, Janis; Rankis, Ivars; Liivik, Liisa; Chub, Andrii 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG) : proceedings : May 11-13, 2015, Riga, Latvia 2015 / p. 570-575 : ill
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Analysis of operating modes of the step-up DC/DC converter with a commutating LC-filter

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Analysis of state-of-the-art converter topologies for interfacing of hydrogen buffer with renewable energy systems

Andrijanovičs, Anna; Steiks, Ingars; Zakis, Janis; Vinnikov, Dmitri Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2011 / p. 87-94 : ill <https://ui.adsabs.harvard.edu/abs/2011SJRP...29...87A/abstract>

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

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Bidirectional operation of the single-phase neutral-point-clamped quasi-Z-source inverter

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Closed-loop control system design for wireless charging of low-voltage EV batteries with time-delay constraints

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Effect of double-slope modulation signals on conducted emissions and efficiency of strongly coupled magnetic resonance WPT systems

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Operation possibility of grid connected quasi-Z-source inverter with energy storage and renewable energy generation in wide power range

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