

Impedance network impact on the controller design of the QZSI for PV applications

Liu, Wenjie; Yang, Yongheng; Kerekes, Tamas; **Liivik, Elizaveta**; Blaabjerg, Frede 2020 IEEE 21st Workshop on Control and Modeling for Power Electronics (COMPEL), Aalborg, Denmark, November 9-12, 2020 2020 / 6 p <https://doi.org/10.1109/COMPEL49091.2020.9265708>

Improved switching patterns of inverters for electric drive applications

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Minimal output impedance required for stability of grid-supporting inverters

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MPPT and GMPPT Implementation for Buck-Boost Mode Control of quasi-Z-Source Inverter

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Novel space vector pulse width modulation strategies for single-phase three-level NPC impedance-source inverters

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Optimal LCL-filter study for buck-boost inverter based on unfolding circuit

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Performance assessment of TSO-DSO using volt-var control at smart-inverters : case of Vestfold and Telemark in Norway

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Reliability analysis and energy yield of string-inverter considering monofacial and bifacial photovoltaic panels

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Three-phase four wire high-frequency link converter for residential DC grids

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