

An indirect model predictive current control (CCS-MPC) for grid-connected single-phase three-level NPC quasi-Z-source PV inverter

Pires Pimentel, Sergio 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 29-30 : ill https://www.ester.ee/record=b5183874*est

Digital control strategy for interleaved quasi-Z-source inverter with active power decoupling

Stepenko, Serhii; Husev, Oleksandr; Pires Pimentel, Sergio; Vinnikov, Dmitri; Roncero-Clemente, Carlos; Makovenko, Elena IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2018 / p. 3725-3730 : ill

Experimental comparison of two-level full-SiC and three-level Si-SiC quasi-Z-source inverters for PV applications

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Optimization and implementation of the proportional-resonant controller for grid-connected inverter with significant computation delay

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Small signal modeling of interleaved quasi-z-source inverter with active power decoupling circuit

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Voltage control tuning of a single-phase grid-Connected 3L qZS-based inverter for PV application

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