

Enhancing grid-forming converters control in hybrid AC/DC microgrids using bidirectional virtual inertia support

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Model-free predictive control for improved performance and robustness of three-phase quasi Z-source inverters

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Sherif A. IEEE Access 2024 / p. 87850-87863 <https://doi.org/10.1109/ACCESS.2024.3417397> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimized modulation scheme for four-leg quasi Z-source inverter : reducing power loss and improving output quality

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Robust operation of four-leg voltage source inverter using model-free predictive control

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