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Voltage distortion approach for output filter design for off-grid and grid-connected PWM inverters

Husev, Oleksandr; Chub, Andrii; Romero-Cadaval, Enrique; Roncero-Clemente, Carlos; **Vinnikov, Dmitri** Journal of power electronics 2015 / p. 278-287 : ill <https://doi.org/10.6113/JPE.2015.15.1.278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Voltage source operation of the energy-router based on model predictive control

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Визначення параметрів регулятора в системі керування DC/DC перетворювачем з квазі-імпедансною ланкою за умови стійкості для малого сигналу

Husev, Oleksandr Технічна електродинаміка 2013 / с. 18-23 : ил https://previous.techned.org.ua/2013_5/st4.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Двухтактный квази-импедансный повышающий DC/DC преобразователь

Vinnikov, Dmitri; Husev, Oleksandr; Blinov, Andrei Технічна електродинаміка : тематичний випуск : силова електроніка та енергоефективність 2012 / с. 36-42 : ил

Классификация изолированных DC/DC квази-импедансных преобразователей

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Об экспериментальных испытаниях двухтактного квази-импедансного преобразователя постоянного напряжения с полупроводниковыми элементами на основе карбида кремния

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