

**Aasta teadlane: alalisvool aitab parandada hoone energiatõhusust 18 protsenti**

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**About possibility of improvement of energetic characteristics of two-stage DC/DC converter with separated commutation**

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**Addressing cross-coupling issues in magnetically integrated three-port DC-DC converters**

**Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Sohail, Umer; Chub, Andrii** 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 5 p <https://doi.org/10.1109/PEMC61721.2024.10726373>

**Alalisvoolu tagasitulek - unistus või reaalsus?**

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**An improved high-voltage IGBT-based half-bridge converter for railway applications**

**Vinnikov, Dmitri; Laugis, Juhan** Fourth International Conference and Exhibition on Ecological Vehicles & Renewable Energies : March 26-29, 2009, Monaco : one-page abstract proceeding 2009 / [1] p

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**Vinnikov, Dmitri; Hõimoja, Hardi; Andrijanovitš, Anna; Roasto, Indrek; Lehtla, Tõnu;** Klytta, Marius 2nd International Conference on Clean Electrical Power Renewable Energy Resources Impact : Capri (Italy) June 9-11, 2009 2009 / p. 426-432 : ill  
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**Comparison of three-phase three-level voltage source inverter with intermediate dc-dc boost converter and quasi-Z-source inverter**

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### **Dc leakage current in isolated grid-connected dc nanogrid - origins and elimination methods**

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### **Implementation issues of droop controlled DC nanogrids: State of charge management of battery energy storage and impact of sensor gain tolerance**

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