

**Analysis of switching conditions of IGBTs in modified sine wave qZSIs operated with different shoot-through control methods**

**Vinnikov, Dmitri; Roasto, Indrek; Zakis, Janis; Ott, Silver; Jalakas, Tanel** Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 45-50 : ill  
[https://www.researchgate.net/publication/269779178\\_Analysis\\_of\\_Switching\\_Conditions\\_of\\_IGBTs\\_in\\_Modified\\_Sine\\_Wave\\_qZSIs\\_Operated\\_wit\\_h\\_Different\\_Shoot-Through\\_Control\\_Methods](https://www.researchgate.net/publication/269779178_Analysis_of_Switching_Conditions_of_IGBTs_in_Modified_Sine_Wave_qZSIs_Operated_wit_h_Different_Shoot-Through_Control_Methods)

**Analytical and experimental investigation of neutral point clamped quasi-impedance-source inverter**

**Ott, Silver; Roasto, Indrek; Vinnikov, Dmitri; Lehtla, Tõnu** Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2011 / p. 113-118 : ill

**Comparison of pulse width modulation methods for a quasi impedance source inverter**

**Ott, Silver; Roasto, Indrek; Vinnikov, Dmitri** 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II 2011 / p. 25-29 : ill

**Digital signal processor based sinusoidal PWM for voltage source inverters**

**Ott, Silver; Roasto, Indrek** 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 225-228 : ill

**Experimental analysis of extended boost quasi-Z-source inverters**

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**Experimental analysis of extended boost quasi-Z-source inverters**

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**Experimental study of shoot-through control methods for qZSI-based DC/DC converters [Electronic resource]**

**Roasto, Indrek; Vinnikov, Dmitri; Jalakas, Tanel; Zakis, Janis; Ott, Silver** SPEEDAM 2010 : International Symposium on Power Electronics, Electrical Drives, Automation and Motion : Pisa, Italy, 14th-16th June, 2010 : proceedings 2010 / p. 29-34 : [CD-ROM]  
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**Extended boost quasi-Z-source inverters : possibilities and challenges**

**Vinnikov, Dmitri; Roasto, Indrek; Jalakas, Tanel; Ott, Silver** Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 51-56 : ill

**Neutral point clamped quasi-impedance-source inverter [Electronic resource]**

**Ott, Silver; Roasto, Indrek; Vinnikov, Dmitri** CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 348-353 [CD-ROM]  
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**Switched inductor quasi-Z-source based back-to-back converter for variable speed wind turbines with PMSG**

**Bisenieks, Lauris; Vinnikov, Dmitri; Ott, Silver** Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 61-66 : ill  
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**Transient response analyse of different voltage-fed qZS-family inverters**

**Ott, Silver; Roasto, Indrek; Vinnikov, Dmitri; Teemets, Raivo** 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 195-199 : ill