

### **Adjusting the number of working pumps through efficiency control**

**Bakman, Ilja** Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 75-80 : ill

### **Control of liquid density to prevent abnormal pumping performance**

**Vodovozov, Valery; Bakman, Ilja** Recent Advances in Environmental Science : ...7th WSEAS International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI '13),... : Lemesos, Cyprus, March 21-23, 2013 2013 / p. 217-222 : ill

### **Efficiency control for adjustment of number of working pumps in multi-pump system**

**Bakman, Ilja; Gevorkov, Levon; Vodovozov, Valery** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 396-402 : ill  
<http://dx.doi.org/10.1109/CPE.2015.7231108>

### **Energy-efficient predictive control of centrifugal multi-pump stations**

**Vodovozov, Valery; Lehtla, Tõnu; Bakman, Ilja; Raud, Zoja; Gevorkov, Levon** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 233-238 : ill  
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### **Hardware-in-the-loop simulation of motor drives for pumping applications**

**Gevorkov, Levon; Bakman, Ilja; Vodovozov, Valery** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 203-208 : ill

### **Hardware-in-the-loop simulator of vessel electric propulsion drive**

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### **High-efficiency predictive control of centrifugal multi-pump stations with variable-speed drives = Pumbajaamade muudetava kiirusega tsentrifugaalpumpajamite kõrgefektiivne ennetav juhtimine**

**Bakman, Ilja** 2016 <https://digi.lib.ttu.ee/i/?5352> [https://www.ester.ee/record=b4577031\\*est](https://www.ester.ee/record=b4577031*est)

### **High-efficiency predictive control of pumping**

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### **Implementation and testing the sensorless pressure measurement of centrifugal pumps**

**Bakman, Ilja** 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 132-138 : ill

### **Multi-pump control applications for ABB ACQ 810 industrial drive**

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**Bakman, Ilja; Gevorkov, Levon; Vodovozov, Valery** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 209-214 : ill

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**Vodovozov, Valery; Bakman, Ilja** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 45-51 : ill

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**Gevorkov, Levon; Vodovozov, Valery; Lehtla, Tõnu; Bakman, Ilja** 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 239-243 : ill

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