

### **Concept of hardware-in-the-loop test platform for microgrid with multi-agent approach**

Kuzin, Aleksei; Lukichev, Dmitry; **Demidova, Galina**; Anuchin, Alecksey 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 <https://doi.org/10.1109/RTUCON51174.2020.9316626>

### **Encoderless rotor position estimation of a switched reluctance drive operated under model predictive control**

Anuchin, Alecksey; Shpak, Dmitry; **Demidova, Galina** 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 <https://doi.org/10.1109/RTUCON51174.2020.9316621>

### **Model predictive control of a direct current motor utilizing lookup tables**

Anuchin, Alecksey; Bogdanov, Andrei; **Demidova, Galina** International Conference on Power Drives Systems (ICPDS) 2020 / 4 p <https://doi.org/10.1109/ICPDS47235.2020.9249336>

### **Small magnus wind turbine : modeling approaches**

Lukin, Aleksandr; **Demidova, Galina**; **Rassõlkin, Anton**; Lukichev, Dmitry; **Vaimann, Toomas**; Anuchin, Alecksey Applied sciences 2022 / art. 1884 <https://doi.org/10.3390/app12041884> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)