

Technical Papers Published Outside the Company

January to December 2015

Title of Paper	Authors	Name of Journal/ Lecture	Issued	Academic Association Name/ Research Group
A study on reduction of battery power fluctuation in micro grid using flywheel	Takuya Ota and Others	Papers	2015.2	2015 The Institute of Electrical Engineers of Japan (IEEJ) Joint Technical Meeting on Power Engineering and Power Systems Engineering and Semi Conductor Power Conversation
Dynamic characteristics of micro grid in case of the fault during the reverse power flow operation	Takuya Ota and Others	Papers	2015.3	2015 IEEJ Annual Conference
A study on reduction of battery power fluctuation in micro-grid using flywheel	Takuya Ota and Others	Papers	2015.3	2015 IEEJ Annual Conference
Study on Disturbance Observer for Compensating of Torque Ripple Compensation Table and Estimation of Instant Disturbance	Yuji Ide, Daigo Kuraishi and Others	Papers	2015.3	2015 IEEJ Annual Conference
Demonstrative project of deterioration restraint of Leads Acid Batteries for Stability of Photovoltaic using Charge-Discharge power control of Electric Vehicle	Takuya Ota and Others	Journal	2015.5	Japan Solar Energy Society
Linear Motors Applications at Factory	Satoshi Sugita and Others	Papers	2015.6	2015 IEEJ Linear Drives Technical Meeting
Study on the Dynamic Characteristics in the Case of Power System Failure during Power Reverse Flow in the AC DC Micro-grid	Takuya Ota and Others	Papers	2015.7	The 21th International Conference on Electrical Engineering
A study of power interchange between micro-grids with distributed generations	Takuya Ota and Others	Papers	2015.8	2015 IEEJ Power and Energy Society Conference
Supply and demand operation of micro grid by the cooperative control of the flywheel and the VRLA battery	Takuya Ota and Others	Papers	2015.9	2015 IEEJ Joint Technical Meeting on Power Engineering and Power Systems Engineering
Quick Torque Ripple Suppression Position Servo Based on Hybrid System of Disturbance Observer and Torque Ripple Table	Yuji Ide, Daigo Kuraishi and Others	Papers	2015.9	2015 IEEJ Industry Applications Society Conference
High Precision Positioning Control Based on Hybrid Compensator of Disturbance Observer and Torque Ripple Table	Yuji Ide, Daigo Kuraishi and Others	Papers	2015.9	2015 IEEJ Technical Meeting on Mechatronics Control (Precision Servo Systems and Control Technology)
Quick Torque Ripple Suppression Controlled Fast Position Servo Based on Hybrid System of Disturbance Observer and Torque Ripple Table	Yuji Ide, Daigo Kuraishi and Others	Papers	2015.11	The 41st Annual Conference of the IEEE Industrial Electronics Society (IECON2015)