

# Technical Papers Published Outside the Company

April 2014 to March 2015

Title of Paper	Authors	Name of Journal/ Lecture	Issued	Academic Association Name/ Research Group
<b>Technology and application of linear drive for industrial application Application on machining equipment</b>	Satoshi Sugita and Others		2014.6	Institute of Electrical Engineers of Japan, Magnetics Linear Drive Joint Conference MAG-14-073, LD-14-027
<b>A study on peak cut operation for micro grid</b>	Takuya Ota and Others	Papers	2014.8	RE2014 (Grand Renewable Energy 2014)
<b>Study of lithium-ion power storage device and lead-acid power storage device in the micro-grid</b>	Takuya Ota and Others	Papers	2014.9	2014 Power/Energy Category Contest
<b>Optimal capacity calculation method of the electric storage device for a micro grid</b>	Takuya Ota and Others	Papers	2014.8	2014 (32nd) Institute of Electrical Installation Engineers of Japan National Contest
<b>Operation method of the microgrid at the time of reverse power flow</b>	Takuya Ota and Others	Papers	2014.9	2014 Institute of Electrical Engineers of Japan, Electronics/Information/Systems Category Contest
<b>A study of the power quality at the power system fault at micro-grid</b>	Takuya Ota and Others	Papers	2014.9	2014 Tokai-Section Joint Conference on Electrical, Electronics, Information and Related Engineering
<b>A study of power quality in micro grid in case of fault</b>	Takuya Ota and Others	Papers	2014.9	2014 Institute of Electrical Engineers of Japan Power Engineering and Power Systems Engineering Joint Conference
<b>Development of the electric supply system with the distributed generation</b>	Takuya Ota and Others	Papers	2014.11	IRE2014 (International Conference on Integration of Renewable and Distributed Energy Resources 2014)
<b>Operation Method of Microgrid Using the Forecasting Method by Neural Network</b>	Takuya Ota and Others	Papers	2014.11	IRE2014 (International Conference on Integration of Renewable and Distributed Energy Resources 2014)
<b>A study on reduction of battery power fluctuation in micro grid using flywheel</b>	Takuya Ota and Others	Papers	2015.2	2015 Joint Conference on Power Technology, Power Systems Technology and Semi-Conductor Power Conversation
<b>Dynamic characteristics of micro grid in case of the fault during the reverse power flow operation</b>	Takuya Ota and Others	Papers	2015.3	The Institute of Electrical Engineers of Japan Conference, 2015
<b>A study on reduction of battery power fluctuation in micro-grid using flywheel</b>	Takuya Ota and Others	Papers	2015.3	The Institute of Electrical Engineers of Japan Conference, 2015
<b>Study on Disturbance Observer for Compensating of Torque Ripple Compensation Table and Estimation of Instant Disturbance</b>	Yuji Ide, Daigo Kuraishi and Others	Papers	2015.3	The Institute of Electrical Engineers of Japan Conference, 2015