

Internal Recognition: Invention Grand Prize (Excellence Award)

June 2007 Commendations

Prize	Title of Paper	Division	Name
Excellence Award	Shape of the Outlet of the Axial Flow Fan for Internal Cooling in a Counter Rotating Axial Flow Fan	Cooling Systems Division, Design Dept.	Jirou Watanabe Toshiya Nishizawa Yasuhiro Maruyama
Excellence Award	High Precision Position Detection Method for Synchronous Motor	Servo Systems Division, 2nd Design Dept.	Yuuji Ide
Excellence Award	High Performance Torque Magnetizer for Motor	Servo Systems Division, 1st Design Dept.	Toshihito Miyashita

Technical Papers Published Outside the Company in General Technical Journals

April 2007 to March 2008

Title of Paper	Authors	Name of Journal	Issued	Publisher
Development Trends with AC Servo Motors	Hideji Watanabe	"Machine Design" magazine special issue "Major Machine Element Selection Guide"	2007.4	The Nikkan Kogyo Shimbun
Effective Cooling Method for Fans and Noise Reduction	Hideji Watanabe	Book Form	2007.5	TechnoSystems, Inc.
Using Fans that Take into Consideration Cooling Method and Low Noise	Hideji Watanabe	Book Form	2007.8	South Korea Business Planning Organization
Using Vending Machine Basic Technology, Cooling, Acoustic Noise, and Power	Hideji Watanabe	Book Form	2007.11	Fuji Electric Development Center
(More) Effective Cooling Method for Fans and Noise Reduction	Hideji Watanabe	Book Form	2007.12	TechnoSystems, Inc.
Basics for AC Servo Motor High Speed Positioning and Automatic Controls	Hideji Watanabe Nobuo Arakawa	Book Form	2008.2	J-TECHNO INC

Technical Papers Published Outside the Company

April 2007 to March 2008

Title of Paper	Authors	Name of Journal/Symposium	Issued	Publisher
Study of electric power quality of the next generation power supply system using DGs.	Yoshiaki Okui and others	The 2008 Annual Meeting Record I.E.E.Japan, 6-082, pp.142-143(2008).	2008. 3	The Institute of Electrical Engineers of Japan
Development of uninterruptible power supply system using DGs.	Yoshiaki Okui and others	The 2008 Annual Meeting Record I.E.E.Japan, 6-083, pp.144-145(2008).	2008. 3	The Institute of Electrical Engineers of Japan
Wind Generator System Interconnected for the Power System — Study of Using Induction Generator —	Yoshiaki Okui and others	The 2008 Annual Meeting Record I.E.E.Japan, 7-015, pp.22-23(2008).	2008. 3	The Institute of Electrical Engineers of Japan
A Study on Interconnect Power System of PV System Using Electric Power Storage	Yoshiaki Okui and others	The 2008 Annual Meeting Record I.E.E.Japan, 7-029, pp.44-45(2008).	2008. 3	The Institute of Electrical Engineers of Japan
A study on instantaneous voltage sag compensator of Distributed Generation in DC Grid.	Yoshiaki Okui and others	The 2008 Annual Meeting Record I.E.E.Japan, 7-081, pp.126-127(2008).	2008. 3	The Institute of Electrical Engineers of Japan