

	A. Kawamoto (Fukui National College of Technology), Y. Suzuki, T. Mizutani (Nagoya University)
DEI-97-124	Development of Insulation System for High Voltage Rotating Machinery of Low Environmental Load.
DEI-97-125	N. Iwata, H. Hatano (Toshiba Corporation) Effect of Internal Thermal Oxidation Treatment on the Dielectric Strength of Buried Oxide Formed by the Separation-by-Implanted-Oxygen (SIMOX) Process.
DEI-97-126	H. Koike, K. S. Seoi, T. Futami, Y. Ohki (Waseda University) Junction States of Conducting Polymer thin Film/Metal Interface.
DEI-97-127	D. Fujita, M. Onoda, H. Nakayama (Himeji Institute of Technology) Electroluminescence from Surface Layer of Insulating Polymer under AC Voltage Application.
DEI-97-129	T. Mizuno, Y. S. Liu, W. Shionoya, S. Matsushima, K. Yasuoka, S. Ishii (Tokyo Institute of Technology), A. Yokoyama, H. Miyata (Fujikura Ltd.) Electrical Conduction and Fractal Structure of Carbon-Black Filled EEA.
DEI-97-130	M. Nakamura, D. Nakagawa, T. Arai, H. Uehara, K. Kudo (Meiji University) Electrical Conduction Mechanism and Dielectric Properties of Carbon Black-Polyethylene Composites.
DEI-97-132	S. Nakamura, K. Saito, G. Sawa (Mie University), K. Kitagawa (Gifu National College of Technology) Research Activities on Multistress Ageing.
DEI-97-133	K. Kimura (Mitsubishi Electric Corporation) Development of New Insulation Systems for Motors Considering Durability and Productivity.
DEI-97-134	H. Mitsui, T. Tajima (Toshiba Corporation), T. Atsuchi (Nishishiba Electric Co., Ltd.), K. Shimohira (Showa Electric Wire & Cable Co., Ltd.) Application of Metallized Film for DC High-Voltage Capacitors.
DEI-97-135	K. Suganuma, T. Muraoka (Nissin Electric Co., Ltd.), K. Unami, N. Suzuki (Toyama Matsushita Electric Co., Ltd.) Influence of Inverter Surge on Low Voltage Rotating Machine Insulation.
DEI-97-136	K. Hata, Y. Okuyama (Fuji Electric Corporate Research and Development, Ltd.) Long Term Insulation Characteristics of XLPE Cable upon Application of Harmonic-superimposed Voltage.
DEI-97-137	Y. Nakamichi, H. Shigeeda, K. Ajiki (Railway Technical Research Institute), S. Ikeuchi, J. Shinagawa (Showa Electric Wire & Cable Co., Ltd.) Simulation of Interturn Voltage in Transformer Windings Excited by Very Fast Transient Overvoltages. T. Horiguchi, H. Kurita, T. Kikunaga, K. Nakanishi, Y. Shibuya (Mitsubishi Electric Corp.)

Theme: Functional Organic Films in general

November 21, 1997, Niigata University

DEI-97-139	Evaluation of Tilt Angles of Liquid Crystal Molecules on Polyimide LB Films Using the Attenuated Total Reflection Measurement. A. Baba, F. Kaneko, K. Shinbo, K. Kato, S. Kobayashi (Niigata University), T. Wakamatsu (Ibaraki National College of Technology)
DEI-97-140	Negative Photoelectric Effect and Structural Characterization of Adsorption LB Films. K. Kudo, S. Kuniyoshi, K. Tanaka (Chiba University)
DEI-97-141	Preparation and Electrical Properties of Tetra-Carboxy Vanadyl Phthalocyanine LB Films. A. Fukui, H. Furuhashi, T. Yoshikawa, A. Maeda, S. Ochiai, Y. Uchida, K. Kojima, A. Ohashi, M. Ieda (Aichi Institute of Technology)
DEI-97-142	Determination of Interfacial Electronic States of Phthalocyanine Derivative LB Films by Surface Potential Measurement. H. Kokubo, Y. Oyama, Y. Majima, M. Iwamoto (Tokyo Institute of Technology)
DEI-97-143	Synthesis of C <sub>60</sub> Compound Polymer from Solution.