

DEI-97-87	S. Ando, Y. Ehara, T. Hayami, T. Ito (Musashi Institute of Technology) Suppression of Discharges in High-Voltage Rotating Machines.
DEI-97-88	K. Segawa, K. Okano (Toshiba Corporation) Possibility of Material Diagnosis in Turbine Generators Employing Gas Analysis Method.
DEI-97-89	T. Sorita, S. Minami, H. Adachi (Mitsubishi Electric Corp.), M. Takashima, S. Numata (Kansai Electric Power Co., Inc.) Diagnosis Methods of Electrical Power Cable installed in a Nuclear Power Station and Some Problems.
DEI-97-90	S. Yamanaka, H. Kawamura (Meijo University), K. Ito (Showa Electric Wire & Cable Co., Ltd.), T. Seguchi (JAERI) Fundamental Study on Insulation Diagnosis in Locally Degraded XLPE Cables.
DEI-97-91	M. Ogishima, Y. Li, K. Adachi, T. Sumimoto, J. Kawai, J. Shinagawa (Showa Electric Wire & Cable Co., Ltd.) Study on the Current Detection Mechanism of Various Insulation Diagnosis for Power Cables.
DEI-97-92	M. Kakuta (Mitsubishi Cable Industries) The Relationship Between Higher Harmonic Components and Deterioration Signals Obtained by AC Superposition Method.
DEI-97-93	T. Kumazawa (Chubu Electric Power Co., Inc.), M. Hotta, S. Sugiyama, T. Hashizume, T. Tani (Yazaki Electric Wire Co., Ltd.) Study on the Diagnosis of Insulation Deterioration of XLPE Cable by Means of Low-frequency Loss Current Measurement.
DEI-97-94	H. Kamohara, Y. Kudo, I. Shinohara, A. Ito (Daiden Co., Ltd.) Development of Diagnostic Device for Incoming Electric Power Equipment in Service.
DEI-97-95	O. Iwaya, T. Sugiyama, N. Ubukata (Kanto Electrical Safety Inspection Assoc.), S. Kataoka, K. Kotani, K. Soma (Hitachi Cable, Ltd.) Management of High-Voltage Cables and Prediction of Their Deterioration.
DEI-97-96	K. Etoh (Idemitsu Petrochemical Co., Ltd.) The Significance and Problem of Insulation Diagnostic Method in Toyota. W. Okamoto (Toyota Motor Corporation)

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DEI-97-97	Analysis on Conduction Current by Simultaneous Measurement of TSC and Space Charge Distribution. M. Kodaka, K. Mamiya, Y. Tanaka, T. Takada (Musashi Institute of Technology)
DEI-97-98	Influence of Additives to the Electrical Properties of a New Type Polyethylene. S. Wang, M. Yamaguchi, M. Fujita, H. Shintate, M. Okashita, T. Shiono, J. Shinagawa (Showa Electric Wire & Cable Co., Ltd.)
DEI-97-99	Generation of Pressure Wave Pulse in XLPE Cable. Y. Li, K. Adachi, J. Shinagawa (Showa Electric Wire & Cable Co., Ltd.), T. Nakagawa (Kansai Electric Power Co., Inc.)
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DEI-97-101	Formation and Annihilation Characteristics of Space Charge at the Interface between Two Different Dielectric Materials. T. Oishi, M. Uchiumi, K. Ueda (Kyushu University), T. Yanaka (CRIEPI)
DEI-97-102	Calibration Technique of the Charge Density on Space Charge Measurement. T. Maeno (Communications Research Laboratory)
DEI-97-103	Space Charge Observation in an Insulation Layer of a Metal Base Printed Wiring Board. K. Fukunaga, T. Maeno (Communications Research Laboratory), K. Okamoto, K. Haga (Fuji Electric Corporate Research and Development, Ltd.)
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