

DEI-97-70 Electrical Breakdown of Multilayer Ceramics Capacitors and Prestress Effects.
Z. Yangxiang, N. Yoshimura (Akita University)

Theme: Electronic Equipment Insulation
September 9, 1997, Kogakuin University

- DEI-97-71 Influence of SO₂ Gas on Ion Migration of Printed Wiring Board in Cyclical Temperature-Humidity Environment.
T. Motoyama, K. Ichikawa (NIIS)
- DEI-97-72 Analysis of Discharge Current in Surface Dielectric Breakdown of Contaminated Printed Wiring Board under Decreased Pressure.
B. Du, S. Kobayashi (Niigata College of Technology)
- DEI-97-73 Analysis of Ionic Migration on Insulation Boards.
T. Yanagisawa (Electrotechnical Laboratory)
- DEI-97-74 Study of Ionic-migration of Hole-to-Hole in Printed Circuit Boards.
K. Shutoh (Science University of Tokyo)
- DEI-97-75 Evaluation Method of Migration by Water Drop Test Method for Printed Wiring Boards.
T. Tsukui, K. Fuwa, Y. Naitou (Tokai University), Y. Yokosuka (Hitachi Chemical Co., Ltd.)
- DEI-97-76 Dielectric Property Study of Copper Ionic Migration at Insulation Layer on Metal Base PWB.
K. Okamoto, T. Maeda, K. Haga (Fuji Electric Corporate Research and Development)
- DEI-97-77 Relationship between Copper Migration and Impurity in Flexible Printed Circuits.
M. Kubata, T. Uemiya, S. Takano (Sumitomo Electric Industries, Ltd.)
- DEI-97-78 Growth Process of Silver Dendrite by Ionic Migration on Glass Substrate.
S. Fujiki, K. Tanino (Toyama Industrial Technology Center), C. Tatsuyama (Toyama University)

Theme: Organic Ultra-thin Films, Organic Materials in general
October 31, 1997, IEEJ Tokyo

- DEI-97-79 Light Scattering of Ferro-electric Liquid Crystal.
H. Moritake, S. Kinoda, K. Toda (National Defense Academy)
- DEI-97-80 Determination of Piezo-electric Coefficient of Monolayers on a Water Surface by the Maxwell-Displacement-Current Measurement.
Y. Sato, C. Wu, Y. Majima, M. Iwamoto (Tokyo Institute of Technology)
- DEI-97-81 Effects of the Introduction of Buffer Layer between ITO Anode and Hole Transporting Layer on Unstable Low Current Region for Organic Light-Emitting Diode.
T. Mori, K. Imaizumi, T. Mizutani (Nagoya University)
- DEI-97-82 Physical Properties of Phenyleneethiophene Derivative Conducting Polymer.
M. Onoda (Himeji Institute of Technology), K. Tada, K. Yoshino (Osaka University)
- DEI-97-83 Evaluation of Metal Thin Films and LB Ultra-thin Films Utilizing Surface Plasmon Excited in the Interfaces.
Y. Aoki, T. Ebe, K. Kato, K. Shinbo, F. Kaneko (Niigata University), T. Wakamatsu (Ibaraki National College of Technology)
- DEI-97-84 Deposition Polymerization of a Triphenylamine Derivative.
A. Kosaka, K. Tanaka, H. Sato, H. Usui (Tokyo University of Agriculture & Technology), M. Tamada, H. Koshikawa, T. Suwa (JAERI)
- DEI-97-85 Fabrication of Molecular Ultra-thin Films by Spin Coating and Evaluation of Electrochemical Properties.
J. Sasaki, M. Iizuka, S. Kuniyoshi, K. Kudo, K. Tanaka (Chiba University)

Theme: Study of Insulation Material Degradation and others
October 27, 1997, IEEJ Tokyo

- DEI-97-86 Characteristics of Treeing Phenomena from Simulated Several Projections.