

year. One or two experts will be invited to every meetings to give lectures in their individual field relevant to electro-optic interaction and conversion and to discuss related items with committee members. The three years activity of the committee will be published in Technical Report of IEEJ.

Digest Report of the Investigation Committee on Evaluation Methods of High Reliability Insulation Technology for Electronic Equipment.

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Electronic equipment is becoming small-sized and high in performance. The printed wiring board of electronic equipment is becoming fine and high density. Therefore, the distance between the foil conductor is small, and the electric field strength between the foil conductor increases. Such a high electric field may cause insulating failures.

Therefore, an investigation of insulation reliability comes up as an important problem for the design of electronic equipment and systems.

From these points of view, the investigation committee started in April 1996.

The main subjects of the investigation will be as follows.

- (1) Make a survey of test methods for insulating failures due to the ionic migration.
- (2) Compare and contrast the factors affecting insulating failures by the method of life tests.
- (3) Investigation of assessment of the standard test method of insulation reliability.
- (4) Research of cause of the insulation failure of electronic equipment and systems.

Since the start of this investigation committee, we have held 2 committee meetings and one organizer meeting. Now, we are planing the round robin tests of the ionic migration, where we will carry out joint tests.

Digest Report of the Cooperative Research Committee on Electrical Insulation News in Asia

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Preceding committee (Cooperative Research Committee of Asian Interlink on Dielectrics and Electrical Insulation) worked from Jan. 1991 to Dec. 1992. The committee reviewed the present status of scientific and technical cooperation in the field of dielectrics and electrical insulation among Japan and the newly developed and developing countries in Asia and sought the appropriate ways to promote it. As a specific activity discussed in the committee, the Cooperative Research Committee of Electrical Insulation News in Asia was established in Apr. 1994 and edited and published "Electrical Insulation News in Asia" No. 1 (Sept. 1994), and No. 2 (Sept. 1995). Although the committee ended in March 1996, it was considered that the activity of publishing Electrical Insulation News in Asia should be continued. To fulfill the purpose, The second Cooperative Research Committee of Electrical Insulation News in Asia has been established in Apr. 1996 and will publish the News after No. 3 which will be published (Sept. 1996).