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Editorial

A New Age of Capacitors

Progress in the development of electronics devices has been remarkable in a last decade. At the same time, the output of commercial capacitors, such as mica, ceramic, plastic film, glass, tantalum electrolytic and aluminium electrolytic capacitors, have increased rapidly. These conventional capacitors are indispensable for electronics industries. Recently, electric double-layer capacitors with aqueous sulfuric acid or organic electrolyte solutions have been manufactured and used, mainly, in memory back-up units in computers. In this field, new electric double-layer capacitors are being developed as small paper capacitors for 'intelligent' cards and as large capacitors for electric-vehicle and load-conditioning facilities.

All scientists concerned with the technologies of all kinds of capacitors, are very pleased that the first special issue on capacitors has been published. We hope this issue will contribute to the progress not only in the academic research but that it will lead also to practical developments in the field of capacitor technology.

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