

On the Special Issue "Reliable Business Systems"

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In Japan, recently, the number of computers installed have been rapidly increased, and the computer application area have been greatly spreaded. Especially remarkable progress and development have been observed in new functions and utilization methods of information processing fields, accompanied with the new trend of coupling of computers and communications.

High reliability in computerized business systems become more and more important. The problem to solve here is how to realize a high reliability system without loosing easiness in development, in maintenance as well as in operation.

In order to realize the high reliability of systems, of course, the reliability of hardware is very important, however it is pointed that the importance of reliability associated with software has increased, because the software development cost has occupied more than half of total system development cost.

The papers included in this special issue of JIP presented to the 3rd UJCC Special Session, "Reliable Business Systems in Japan". These papers addresses what are the reliable business systems, and how to realize them in different standpoints, with rich data assembled from their experience and with their precious comments of rationings.

I believe that you will find many suggestions here in those of EDP managements, system developments, maintenance or even from end users aspects.

In the future computer industry, according to the development of the useful products of computers and communications, it is important to develop the advanced system development and maintenance technology. We hope that this issue may give the great suggestion and knowledge for the construction of reliable business systems.

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