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A TRIAL OF AUTOMATIZATION OF IMAGE PROCESSING COMPUTER SYSTEM BY MICROCOMPUTER NETWORK.

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The fast growth in the field of computer industries has made highly efficient systems available to us, especially the 32-byte systems. By using one of such 32-byte systems, we tried to develop an image processing computer system. In the process of the development, in progress with improvement of the performances, it happened that the operation procedures we were obliged to take for better and better images become so much complicated that those required much study and practice of the operational procedures, otherwise there were errors. We tried a method of solving this problem.
A set of FH-8, 2 sets of FH-7, 3 sets of RS-232C, 2 sets of floppy discs, all cheap ones available in the market, were tied together to form a network, which was used for testing communications between the systems involved, and it was proved to be possible.
Furthermore, by using one set of FH-7 for time limit by way of PIA relay input circuit, this network became useful for automation of the preparatory work for start of operation and prevention of errors at the start and end of the operation, and other errors.