9 Sequence Controllers with Standard Hardware and Custom Firmware
   R. L. Tabachnick, P. J. Zsombor-Murray, L. J. Vroomen, and Tho Le-Ngoc
A sequencing system that utilizes programming capability and bus-oriented, modular
hardware replaces solid state or relay-based control logic with custom firmware.

26 An Architectural Comparison of Contemporary 16-Bit Microprocessors
   Hoo-min D. Toong and Amar Gupta
Today's microprocessors exhibit powerful computing capabilities. Their characteristic
differences favor each machine for a distinct portion of the applications spectrum.

39 Ink Jet Printing of Japanese Kanji Characters
   Takehiko Tomikawa and Kinji Matsumoto
The generality and flexibility of the microprocessor suit it to this sophisticated control
application.

47 Level-Independent Notation for Microcomputer Programs
   F. G. Duncan
A development of algebraic expressions forms the basis of a microprocessor programming
notation that does not rely on mnemonics.

57 A VLSI Architecture for Software Structure: The Intel 8086
   Alfred C. Hartmann and Scott Fehr
By supporting modular programs and high-level languages, this microprocessor architecture
aids the implementation of complex software.

70 A Proposed Standard for Extending High-Level Languages
   for Microprocessors
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