A Real-Time Fortran Executive
Mapping High-Level Syntax and Structure into Assembler Language
High-Level Language Programmable Controller

When does a workstation become an Engineering Support System? Taking a tough user viewpoint, this issue will explore the features and innovations needed to make workstations fully productive. Topics will include: real-time computing, networking and distributed processing, data security, software environments, and the user interface.

Based on new product announcements, 1985 is shaping up to be the year of the 32-bit microprocessor. IEEE Micro examines this phenomenon in depth with contributions from major international manufacturers, including Motorola, Intel, Zilog, National Semiconductor, and NEC. Other features will include a look at 32-bit buses.

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