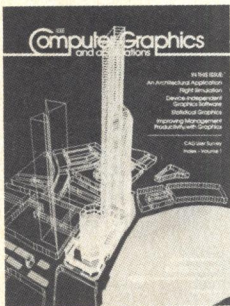


ARTICLES



Cover: Proposed plan for an office tower for a large international banking firm in Singapore, executed on an architectural design and drafting system implemented at Albert C. Martin and Associates, Los Angeles. See article, page 18.

Photo: Philip Kirkley  
Design: Jay Simpson

**9 Improving Management Productivity with Computer Graphics**

*Alan T. Paller*

By avoiding a few common errors, managers can ensure the productivity of their investment in business chartmaking systems.

**18 Computer Graphics and the Practice of Architecture**

*Donald R. Fullenwider and James P. Lefever*

By tying together a number of systems to create an integrated design and drafting facility, a large architectural firm enhanced the productivity of its designers and engineers.

**29 Computer Image Generation for Flight Simulation**

*Bruce J. Schachter*

Visual simulation seems to imply image realism—though visual simulation systems *can* produce realistic images, their main goal is training effectiveness.

**72 Tools for Automated Statistical Graphics**

*P. M. Caporal and G. J. Hahn*

The new, user-friendly software packages, analyzed and differentiated here, make statistical graphics more useful and accessible.

**85 Principles of Device-Independent Computer Graphics Software**

*James R. Warner*

A single graphics application program can generate similar images on different display devices by using device-independent software tools.

**102 Index—Volume I, 1981**

DEPARTMENTS

- 105 Selective Update: *Richard Merwin, CAD User Survey, Graphics in Transportation Planning, Computer-Animated Films*
- 127 New Products
- 150 Displays on Display
- 153 Professional Calendar
- 156 Advertiser/Product Index

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Reader Service Cards, p. 157;  
Order Form, p. 159.