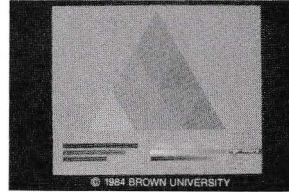# SIGGRAPH '84
Computer-Aided Design Arts Show
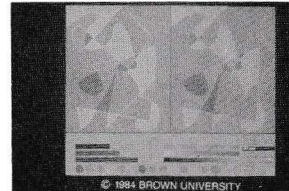# Slide Set Credits

Each slide is printed here in black and white to facilitate locating information about the images. The full color 35mm slide set can be ordered from ACM. See the listing of SIGGRAPH '84 materials available on page 183.
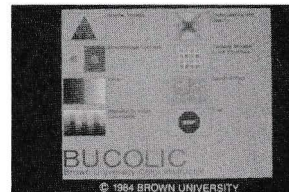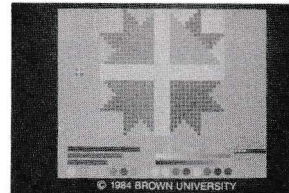

Electronic Classroom

Contributor:
Department of Computer Sciences
Brown University
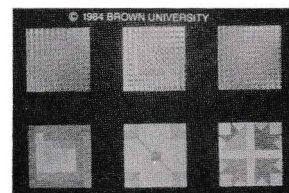Providence, RI
Professor Andries van Dam, Chairman

Designers/Technologists:
Mark Brown, Robert Sedgewick, with Joe Pato, Steven Reiss, Michael Strickman, Edward Grove, Richard Hawkes, Thomas Banchoff (BALSA); Steven Drucker (neutral display); Barbara Meier, Roger Mayer (BUCOLIC)
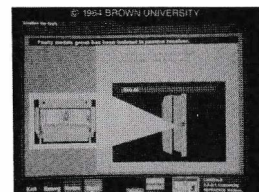
Equipment:
(60) Apollo DN300 workstations with 1024x800 black and white displays connected by Apollo's Domain Network; Apollo DN600 for color versions of programs

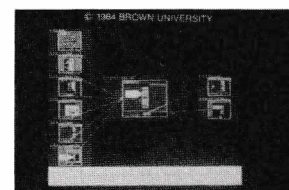BUCOLIC runs on a DEC VAX 11/780 computer and a Lexidata 3400 color graphics system

Matrix Instruments QCR D-4/2 film recorders

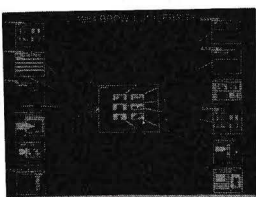### Electronic Maintenance Manual: Interactive Graphical Documents

Contributor:
Department of Computer Sciences
Brown University
Providence, RI
Professor Andries van Dam, Chairman

Designers/Technologists:
Steven Feiner with Randy
Pausch, Jerry Weil, David
Salesin

Equipment:
DEC VAX 11/780 computer
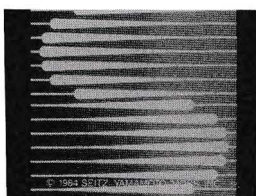Ramtek 9400 graphics system
Matrix Instruments QCR
D-4/2 film recorder

**Computer-Generated Image
of William Morris' Red
House**

Contributor:
Applied Research of Cambridge
Cambridge, England

Geometric Modeling:
Applied Research of Cambridge staff
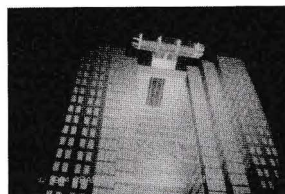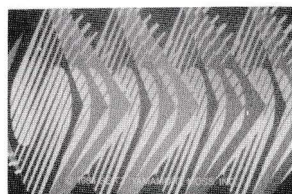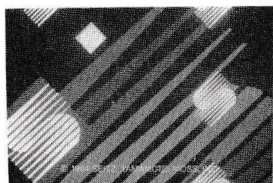
Equipment:
GDS drafting system color
workstation

SIGGRAPH Symbol

Contributor:
Seitz Yamamoto Moss Inc.
Minneapolis, MN

Designer:
Peter Seitz

Equipment:
Dicomed D38 Imaginator and
slide system

Highrise Office Building

Contributor:
Cranston/Csuri Productions

Computer-generated image of
I.M. Pei's Raffles City Project in Singapore

Image by:
D'Arcy Gerberg

Software and Equipment:
MAGI's in-house system

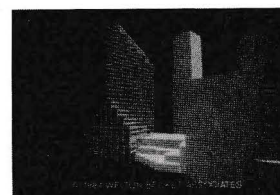**Los Angeles City Hall**

Contributor:
Albert C. Martin Associates

Architect:
Albert C. Martin
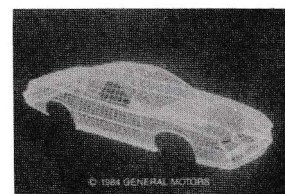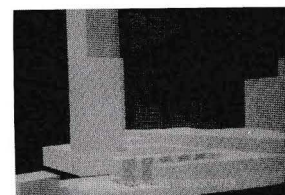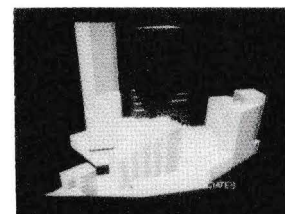
Software:
Developed by the computer
group at Albert C. Martin
Associates

Site Massing Study

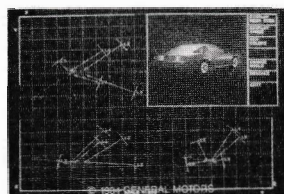Contributor and Architects:
Welton Becket Associates
Los Angeles, CA

Equipment:
Tricad CAD System
Color raster display screen
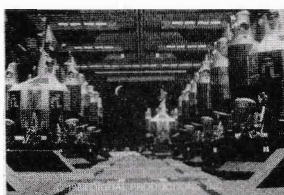Versatec color electrostatic
plotter

Car Rendering Software

Contributor:
General Motors Research
Laboratories
Computer Science Department
Warren, MI

Software Author and Creator:
David R. Warn

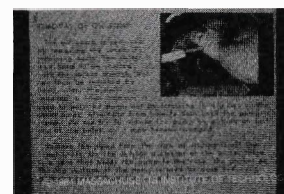Equipment:
DEC VAX 11/780 computer
Raster Technologies Model
One/25 display processor
Ramtek 9300 color display

Starfighter

Contributor:
Digital Productions, Inc.
Los Angeles, CA

Equipment:
Cray XMP super computer
Ramtek 9460 color display

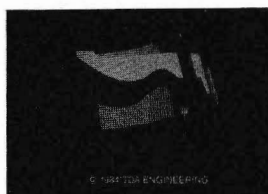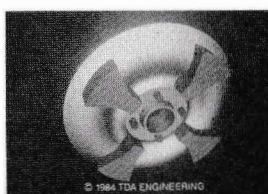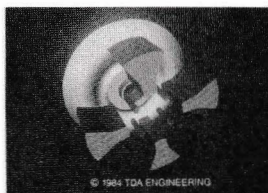## Movie Manual

Contributor:
Architecture Machine Group
Department of Architecture
MIT
Cambridge, MA
Professor Andrew Lippman,
Director

Designer/Technologist:
David Backer, Research
Associate

Equipment:
Perkin-Elmer 3230
Ramtek 9400 frame buffer
Discovision optical videodisk
Elographics touch-sensitive
screen
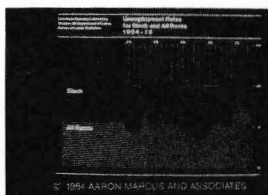Color graphics monitors

Software:
P1/1 on Magic 6 operating
system

Aluminum Wheel Modeling

Contributor:
PDA Engineering
Santa Ana, CA

Designer:
C. Hayden Hamilton

Equipment:
DEC VAX 11/780 computer
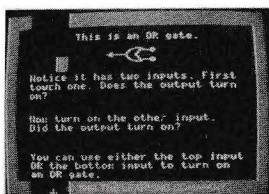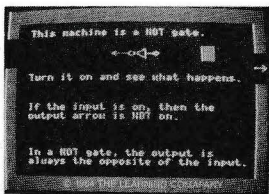Raster Technologies Model
One/25 display processor

Seedis
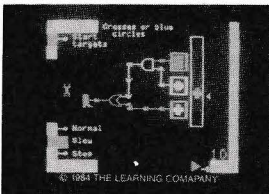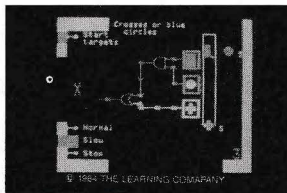
Contributor:
Aaron Marcus and Associates
Berkeley, CA

Designers/Technologists:
Aaron Marcus, Principal
Michael Arent,
Design Director

Equipment:
DEC VAX 11/780 computer
Terminals:
Ramtek 9400, Tektronix 4027,
ADM-3, DEC VT-100,
Tektronix 4104,
Autologic APS Micro 5
Hardcopy:
Xerox 9700, Versatec V-80,
Tektronix 5218 printers

Software:
Primarily in FORTRAN and
C, DEC VMS operating
system

Rocky's Boots

Contributor:
The Learning Company
Menlo Park, CA

Designer/Technologist:
Warren Robinett

Equipment:
Apple II + or IIe with color monitor and joystick

View System

Contributor:
Computer Corporation of America
Cambridge, MA

Designers/Technologists:
Christopher Herot, Jane Barnett, Gretchen Brown, Richard Carling, David Dowd, Mark Friedell, David Kramlich with consultants Ronald Baecker, Aaron Marcus, Rebecca Allen, Paul Souza

Equipment:
DEC VAX 11/780 computer (3) Adage 512 screens converted to one high-resolution 1280 x 1024 x 8 bits
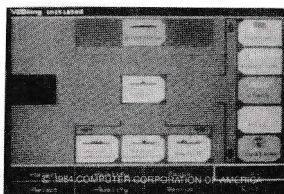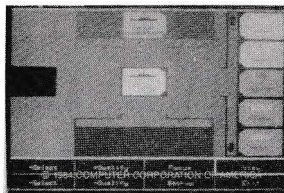
Knoxville World's Fair Exhibition

Contributor:
Ramirez and Woods, Inc.
New York, NY

Designers/Technologists:
Albert H. Woods,
Principal-in-charge;
Thomas Nicholson,
Production Director;
Daniel Pelavin, Susan Nicholson,
Computer Graphics staff.
Videodisk production with Steven Gregory and staff of New England Technology Group, Woburn, MA consultants for systems programming, design and installation

Equipment:
(30) Apple II Computers
(50) Sony LDP1000 videodisk players
(50) Sony PVM1900 color monitors
(25) Elographics touch sensors