2-D drafting and dimensioning module announced

GEODRAW, from Structural Dynamics Research Corporation, is a 2-D drafting and dimensioning module that interfaces with the company's solid modeler, GEOMOD. The module is an interactive system that uses on-screen menus and prompts for direct access to commonly used commands. In addition, it uses a consistent command format patterned after GEOMOD.

A dynamic dimensioning capability provides the flexibility of working in real time. Users can create text, dimensions, labels, and balloons and immediately interact with the system to arrange arrows, position text, and break witness lines.

GEODRAW dimensioning also provides for inclusion of one- and two-valued tolerances as well as limit dimensions. Linear, radial, and diametral dimensions can be presented in English or metric units; angular dimensions can be presented in decimal or degree-minute-second form.

One-time license prices on Apollo systems begin at $12,500. The license price on DEC VAX systems is $25,000.

For more information contact SDRC's joint venture partner, GE-CAE International, 300 TechneCenter Drive, Milford, OH 45150; (513) 576-2400.

Reader Service Number 49

Package produces contour maps, surface plots, charts, graphs

The Golden Graphics System is an integrated package that produces contour maps and three-dimensional surface plots plus a variety of two-dimensional charts and graphs. Golden Software, Inc., designed the package to allow users to visualize the implications of multivariate data. Engineers, geologists, geophysicists, archaeologists, and cartographers are especially targeted as users.

The system consists of five applications: TOPO creates contour maps; SURF creates 3-D surface drawings, also known as block diagrams or fishnet plots; GRAFIT creates x-y graphs, bar charts, pie charts, line graphs, and scatter charts; QGRID creates a regularly spaced grid from irregularly spaced data; and PLOT-CALL creates plots from plotting commands that have been placed in a data file.

The Golden Graphics System can be used with either a monochrome display card or a graphics card. Output is generated directly on a dot matrix printer, using the maximum resolution of the printer. If a graphics card is installed, output can be previewed on the screen. The system runs on the IBM AT, IBM PC, and compatibles and requires 128K bytes of memory and one disk drive. Over 40 different dot matrix printers are supported.

Golden Software, Inc., can be reached at PO Box 281, Golden, CO 80402; (303) 279-1021.

Reader Service Number 50

FOUR FRAME VIDEO MEMORY

Excellent for high quality R-G-B image capture, the Colorado Video Model 491 Video Frame Store is available with four separate 512x512x8-bit memory planes which allow a high degree of flexibility in visual data acquisition and processing.

Manual sequencing during the record cycle allows color synthesis from monochrome cameras, as well as forms of spectral translation or image comparison. Automatic sequencing provides convenient storage of outputs from 3-tube color TV cameras for computer analysis or modification.

Available in 525-line and 625-line versions. NTSC color is optional in the 525-line configuration.

(303) 444-3972
P.O. Box 928, Boulder, CO 80306
TWX 910-940-3248 COLO VIDEO BDR

Reader Service Number 2