CHARACTER FONT

PURPOSE
Specifies the fonts of the characters to appear at the plot points of each trace on subsequent plots.

DESCRIPTION
The following fonts are available:

    TEKTRONIX
    SIMPLEX
    DUPLEX
    TRIPLEX
    COMPLEX
    TRIPLEX ITALIC
    SIMPLEX SCRIPT
    COMPLEX SCRIPT

The TEKTRONIX font specifies the use of hardware characters while the remaining 7 fonts are Hershey stroked fonts. See the documentation for the FONT command in the Diagrammatic Graphics chapter for sample output from each of these fonts.

SYNTAX
CHARACTER FONT <font> <font> <font> etc.
where <font> is a string that specifies the desired font. Up to 100 fonts can be listed.

EXAMPLES
CHARACTER FONT SIMPLEX TEKTRONIX DUPLEX
CHARACTER FONT COMPLEX SIMPLEX
CHARACTER FONT ALL SIMPLEX

NOTE 1
The FONT command sets the default font for the plot. The CHARACTER FONT command is typically used to override the default font for the characters only.

NOTE 2
The CHARACTER FONT command with no arguments sets the character font to default for all traces. The CHARACTER FONT command with the word ALL before or after the specified font assigns that font to the characters on all traces. Thus CHARACTER FONT SIMPLEX ALL or CHARACTER FONT ALL SIMPLEX assigns the font simplex to the characters on all traces.

DEFAULT
All characters are drawn with a TEKTRONIX (i.e., hardware generated) font.

SYNONYMS
None

RELATED COMMANDS
PLOT	=	Generates a data or function plot.
CHARACTER	=	Sets the types for plot characters.
CHARACTER ANGLE	=	Sets the angles for plot characters.
CHARACTER AUTOMATIC	=	Specifies a variable to be used as the arguments to the CHARACTER command.
CHARACTER CASE	=	Sets the cases for plot characters.
CHARACTER COLOR	=	Sets the colors for plot characters.
CHARACTER FILL	=	Sets the fill switches for plot characters.
CHARACTER HW	=	Sets the heights and widths for plot characters.
CHARACTER JUSTIFICATION	=	Sets the justifications for plot characters.
CHARACTER OFFSET	=	Sets the offsets for plot characters.
CHARACTER SIZES	=	Sets the sizes for plot characters.
CHARACTER THICKNESS	=	Sets the thicknesses for plot characters.
CHARACTER WIDTH	=	Sets the widths for plot characters.
LINES	=	Sets the types for plot lines.

SPIKES	=	Sets the on/off switches for plot spikes.
BARS	=	Sets the on/off switches for plot bars.
FONT	=	Sets the font for plots and figures.

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
89/2

PROGRAM
LEGEND 1 PRESENTATION GRAPHICS
LEGEND 2 3-D BAR HISTOGRAM
LET Y = DATA 392 341 307 203 115 59 38 32 29 28
.
LET N = NUMBER Y
LET X = SEQUENCE 1 1 N
.
LINES BLANK ALL
BAR ON ALL
BAR WIDTH .5 ALL
BAR DIMENSION 3 ALL
BAR FILL ONTS ALL
CHARACTERS APOL SUN HP DEC SYM SGI IBM DG TI XER
CHARACTER JUSTIFICATION CEBO ALL
CHARACTER OFFSET 0 2 ALL
CHARACTER FONT COMPLEX ALL
YMAX 600
XMAX 12
TITLE DEMONSTRATE CHARACTER FONT
PLOT Y X X