

... FRAME COORDINATES**PURPOSE**

Specifies the coordinates of the frame to appear on subsequent plots.

DESCRIPTION

The frame is the 4-sided box which surrounds the usual 2-dimensional plot. The 2 pairs of coordinates define the (x,y) values for two opposing corners of the frame. The coordinates are given in DATAPLOT 0 to 100 coordinates.

SYNTAX

FRAME COORDINATES <x1> <y1> <x2> <y2>

where <x1> is a decimal number or parameter in the range 0 to 100 that specifies the lower left corner X coordinate;

<y1> is a decimal number or parameter in the range 0 to 100 that specifies the lower left corner Y coordinate;

<x2> is a decimal number or parameter in the range 0 to 100 that specifies the upper right corner X coordinate;

and <y2> is a decimal number or parameter in the range 0 to 100 that specifies the upper right corner Y coordinate.

EXAMPLES

FRAME COORDINATES 50 50 90 90

FRAME COORDINATES 10 60 40 80

DEFAULT

The default frame corner coordinates are (15,20) and (85,90).

SYNONYMS

FRAME CORNER COORDINATES

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
FRAME	=	Sets the on/off switch for the plot frame.
FRAME COLOR	=	Sets the color for the plot frame.
FRAME THICKNESS	=	Sets the thickness for the plot frame.
LEGEND COORDINATES	=	Sets the locations for plot legends.
BOX COORDINATES	=	Sets the locations for plot boxes.
ARROW COORDINATES	=	Sets the locations for plot arrows.
SEGMENT COORDINATES	=	Sets the locations for plot segments.
WINDOW COORDINATES	=	Sets the portion of the output device to use.

APPLICATIONS

Plot positioning

IMPLEMENTATION DATE

Pre-1987

PROGRAM

```

LET LEAD = DATA ...
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
.
XLIMITS 0 700; YLIMITS 0 500
TITLE DEMONSTRATE FRAME COORDINATES COMMAND; TITLE SIZE 5
Y2FRAME OFF
X2FRAME OFF
X1LABEL LEAD; Y1LABEL POTASSIUM
CHARACTER CIRCLE
CHARACTER SIZE 1.5
LINE BLANK ALL
PLOT POT VS LEAD
.
FRAME CORNER COORDINATES 81 20 89 90
PRE-ERASE OFF
FENCES ON; LINES TUFTE BOX PLOT; CHARACTERS TUFTE BOX PLOT
LET N = SIZE POT; LET X = 1 FOR I = 1 1 N
XLIMITS 0 2
FRAME OFF
TITLE; X1LABEL; Y1LABEL
BOX PLOT POT X
.
FRAME CORNER COORDINATES 15 86 85 94
XLIMITS 0 700
YLIMITS 0 2
HORIZONTAL SWITCH ON
BOX PLOT LEAD X
    
```

