

... FRAME PATTERN**PURPOSE**

Specifies the pattern of the plot frame on subsequent plots. See the Graphics Attributes chapter for a list of available line styles.

DESCRIPTION

The frame is the 4-sided box which surrounds the usual 2-dimensional plot. The analyst may control the pattern of each or all of the sides of the frame by specifying the prefix in the command.

SYNTAX

<prefix>FRAME PATTERN <pattern>

where <prefix> is as follows:

no prefix	refers to all 4 sides;
the prefix X	refers to both horizontal sides;
the prefix Y	refers to both vertical sides;
the prefix X1	refers to the lower horizontal side;
the prefix X2	refers to the upper horizontal side;
the prefix Y1	refers to the left vertical side;
the prefix Y2	refers to the right vertical side;

and <pattern> specifies the desired line pattern.

EXAMPLES

```
FRAME PATTERN SOLID
FRAME PATTERN DASH
FRAME PATTERN
X2FRAME PATTERN DOTT
Y2FRAME PATTERN SOLID
```

NOTE 1

A ...FRAME PATTERN command with no arguments sets the default. Thus X1FRAME PATTERN with no arguments sets the bottom horizontal frame line pattern to solid. A ...FRAME PATTERN command with no prefix refers to all 4 sides. Thus FRAME PATTERN DASH sets the frame line pattern to dash on all 4 sides. FRAME PATTERN with no prefix and no arguments reverts the frame pattern on all 4 sides to the default.

NOTE 2

Normally all frame lines are set to the same pattern, so the most common form of this command is FRAME PATTERN with no prefix. In addition, it is unusual to set the frame line to a non-solid pattern, so this command is rarely used.

DEFAULT

All frame lines are solid.

SYNONYMS

None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
FRAME	=	Sets the on/off switch for the plot frame.
FRAME COORDINATES	=	Sets the location for the plot frame.
FRAME COLOR	=	Sets the color for the plot frame.
FRAME THICKNESS	=	Sets the thickness for the plot frame.
BOX PATTERN	=	Sets the patterns for plot boxes.
ARROW PATTERN	=	Sets the patterns for plot arrows.
SEGMENT PATTERN	=	Sets the patterns for plot segments.

APPLICATIONS

Rare Usage

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
```

```
.
TITLE DEMONSTRATE FRAME PATTERN COMMAND
TITLE SIZE 5
X1FRAME PATTERN SOLID
X2FRAME PATTERN DASH
Y1FRAME PATTERN DOTTED
Y2FRAME PATTERN DASH2
FRAME THICKNESS 0.3
X1LABEL LEAD
Y1LABEL POTASSIUM
CHARACTER CIRCLE
CHARACTER SIZE 1.5
LINE BLANK ALL
PLOT POT VS LEAD
```

