LATTICE

PURPOSE
Draws a lattice (i.e., a rectangular grid).

DESCRIPTION
The 3 pairs of coordinates define the (x,y) values for the lower corner of the grid, the x and y increments for drawing grid lines, and the opposing corner of the lattice respectively.

SYNTAX
LATTICE <x1> <y1> <x2> <y2> <x3> <y3>

where <x1> is a number or parameter in the range 0 to 100 that specifies the x coordinate of the lower corner of the grid;

<y1> is a number or parameter in the range 0 to 100 that specifies the y coordinate of the lower corner of the grid;

<x2> is a number or parameter in the range 0 to 100 that specifies the x increment for the grid;

<y2> is a number or parameter in the range 0 to 100 that specifies the y increment for the grid;

<x3> is a number or parameter in the range 0 to 100 that specifies the x coordinate of the upper corner of the grid;

and   <y3> is a number or parameter in the range 0 to 100 that specifies the y coordinate of the upper corner of the grid.

EXAMPLES
LATTICE 10 10 5 5 90 90
LATTICE 90 90 5 5 10 10
LATTICE X1 40 X2 8 X3 93

NOTE
The line style (i.e., SOLID, DASH), line color, and line thickness of the lattice are controlled by the first entry of the LINE, LINE COLOR, and LINE THICKNESS commands respectively.

DEFAULT
None

SYNONYMS
None

RELATED COMMANDS

MOVE	=	Moves to a point.
POINT	=	Draws a point.
ARROW	=	Draws an arrow.
TRIANGLE	=	Draws a triangle.
BOX	=	Draws a box.
HEXAGON	=	Draws a hexagon.
CIRCLE	=	Draws a circle.
SEMI-CIRCLE	=	Draws a semi-circle.
ARC	=	Draws an arc.
ELLIPSE	=	Draws an ellipse.
OVAL	=	Draws an oval.
DIAMOND	=	Draws a diamond.
LINE	=	Sets the line type for figures and plot lines.
LINE THICKNESS	=	Sets the line thickness for figures and plot lines.
LINE COLOR	=	Sets the line colors for figures and plot lines.
CROSS-HAIR	=	Activates and reads the cross-hair.
TEXT	=	Writes a text string.

APPLICATIONS
Presentation graphics

IMPLEMENTATION DATE
Pre-1987

PROGRAM

     LINE SOLID
     LINE COLOR G50
     LINE THICKNESS 0.4
     LATTICE 10 10 10 5 90 90
     JUSTIFICATION CENTER
     MOVE 50 95
     TEXT LATTICE 10 10 5 90 90

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