RADIANS

PURPOSE

Specifies that all subsequent trigonometric calculations (e.g., LET Y = SIN(X) and ANGLE 1.570746) be carried out in radians (as opposed to degrees or grads).

SYNTAX

RADIANS <ON or OFF>
where ON specifies that radian units will be used while OFF reverts the units to degrees.

EXAMPLES

RADIANS
RADIANS ON
RADIANS OFF

NOTE

Entering the RADIANS command without any arguments is equivalent to entering RADIANS ON.

DEFAULT

Radians

SYNONYMS

None

RELATED COMMANDS

TEXT	=	Writes a text string.
DEGREES	=	Sets the angle units to degrees.
GRADS	=	Sets the angle units to grads.
ANGLE UNITS	=	Sets the angle units (to degrees/radians/grads).
ANGLE	=	Sets the angle for TEXT string.

APPLICATIONS

Trigonometry

IMPLEMENTATION DATE

Pre-1987

PROGRAM

DEGREES
PLOT SIN(X) FOR X = -360 0.5 360
RADIANS
PLOT SIN(X) FOR X = -6.28 0.01 6.28