

Command ASET

PURPOSE Set or modify contents of analyzer to a value.

PARAMETERS

Analyzer Name of the analyzer to be treated.
Operator Defines the algebraic operation: {"+", "-", "*", ":", "**", "=", ">", "<" }
Value Numerical value, may be number or name of global parameter.
/CHANNEL(x{,y}) Treat content of only one channel, defined by 1 number (for 1-dim. analyzers) or 2 numbers (for 2-dim. analyzers)
/CURSOR Set the content of one channel in a 1-dim. analyzer. Both the channel and the value are defined by one cursor input on the graphics presentation. If a value is given, only the channel is defined by the cursor. If a channel is given, only the value is defined by the cursor. Press the right mouse button to end the input loop. If the keyword CURSOR is specified for a 2-dim. analyzer, the channel is defined by the cursor and the value is prompted in the SATAN command window.
/LIMITS(x1,x2{,y1,y2}) Set or modify the content of a region in a 1-dim. or a 2-dim. analyzer: The region is defined by the values given for the limits.
/NOLIST The command is performed without any output on the SATAN command window.
WINDOWS(id) Window identifier or condition number or identifier. An "^" prefix means that the region outside the window/condition is treated.

REMARKS If neither CHANNEL nor LIMITS nor WINDOW nor CURSOR is specified, the whole analyzer is set to the given value or modified. If the keyword CURSOR is specified, the analyzer must be displayed on screen. If the displayed analyzer and the analyzer specified in the ASET command are different, the graphics input is done on the analyzer on display, but the operation is performed on the analyzer specified in the ASET command.

EXAMPLES

ASET MUSIC_E1 = 25 / CHANNEL(259)
Channel 259 of the analyzer MUSIC_E1 is set to 25.
ASET TOF > 0
All channels with negative content of analyzer TOF are set to zero.
ASET SC22 / CURSOR
The cursor appears. The x position of the cursor defines the channel to be treated, the y position of the cursor defines the value to be set.
ASET SC22 = 0 / CURSOR
The channels specified by the cursor are set to zero.
ASET SC22 / CURSOR CHANNEL(5)
Channel 5 of analyzer SC22 is set to the value defined by the cursor.
GDISP S2
ASET S3 / CURSOR
The analyzer S2 is displayed. The cursor input on the analyzer S2 defines the channels and values to be set in S3.
ASET TOFDE = -1/ CON(^2)
The channels outside condition number 2 are set to the value -1.