

norm

<i>/K=k</i>	<p>Specifies window behavior when the user attempts to close it.</p> <p><i>k=0</i>: Normal with dialog (default). <i>k=1</i>: Kills with no dialog. <i>k=2</i>: Disables killing. <i>k=3</i>: Hides the window.</p> <p>If you use <i>/K=2</i> or <i>/K=3</i>, you can still kill the window using the KillWindow operation.</p>
<i>/M</i>	Sets window coordinates to centimeters.
<i>/N=name</i>	Requests that the created waterfall plot window have this name, if it is not in use. If it is in use, then <i>name0</i> , <i>name1</i> , etc. are tried until an unused window name is found. In a function or macro, <i>S_name</i> is set to the chosen name.
<i>/PG=(gLeft, gTop, gRight, gBottom)</i>	<p>Specifies the inner plot rectangle of the waterfall plot subwindow inside its host window.</p> <p>The standard plot rectangle guide names are PL, PR, PT, and PB, for the left, right, top, and bottom plot rectangle guides, respectively, or user-defined guide names as defined by the host. Use * to specify a default guide name.</p> <p>Guides may override the numeric positioning set by <i>/W</i>.</p>
<i>/W=(left,top,right,bottom)</i>	<p>Specifies window size. Coordinates are in points unless <i>/I</i> or <i>/M</i> is specified before <i>/W</i>.</p> <p>When used with the <i>/HOST</i> flag, the specified location coordinates of the sides can have one of two possible meanings:</p> <p>When all values are less than 1, coordinates are assumed to be fractional relative to the host frame size.</p> <p>When any value is greater than 1, coordinates are taken to be fixed locations measured in points, or Control Panel Units for control panel hosts, relative to the top left corner of the host frame.</p> <p>When the subwindow position is fully specified using guides (using the <i>/HOST</i>, <i>/FG</i>, or <i>/PG</i> flags), the <i>/W</i> flag may still be used although it is not needed.</p>

Details

The X and Z axes are always at the bottom and left, whereas the Y axis runs at a default 45 degrees along the right-hand side. The angle and length of the Y axis can be changed using the **ModifyWaterfall** operation. Other features of the graph can be changed using normal graph operations.

Each column from *matrixWave* is plotted in, and clipped by, a rectangle defined by the X and Z axes with the rectangle displaced along the angled Y axis as a function of the Y value.

Except when hidden lines are active, the traces are drawn from back to front.

To modify certain properties of a waterfall plot, you need to use the **ModifyWaterfall** operation. For other properties, use the usual axis and trace dialogs.

See Also

Waterfall Plots on page II-326.

The **ModifyWaterfall** and **ModifyGraph** operations.

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norm(*srcWave*)

The **norm** function evaluate the norm of *srcWave*. It returns: