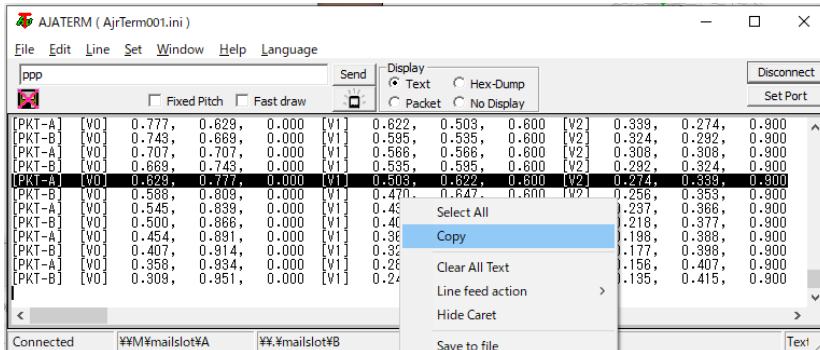


Condition setting for extracting value from text line

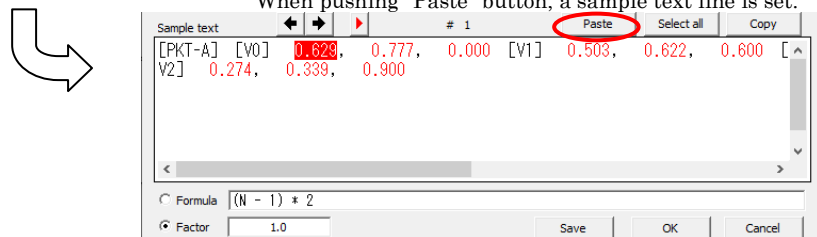
1) Sample text line setting

First of all, we set a sample text line from which to retrieve a number.

I have copied some sample text lines to the clipboard in some way



When pushing "Paste" button, a sample text line is set.

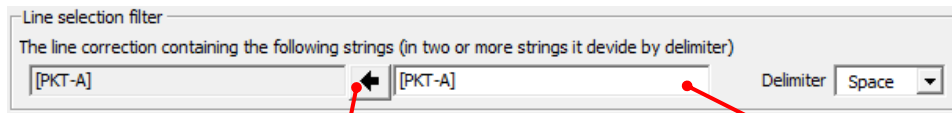


A red character means a recognized numeric item.

Red inversion is the currently selected item, you can move with the but ← →

2) Line selection filter

To select the desired text line from several types of text lines, set "Line selection filter".



When this button is pushed, a filter character string is set.

Enter filter string here.

In the above example, only text lines containing the character string "[PKT - A]" will be processed.

To set multiple filter strings, enter multiple character strings separated by "delimiter" (ex. "[PKT - A] [TYP 1]").

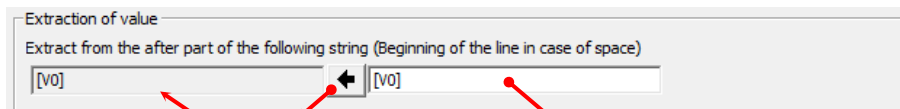
In this case, text lines containing all the specified multiple character strings are processed.

If the line selection filter is set to the empty string, all text lines are processed.

3) Specify the position of the numerical value to be extracted

By specifying the character string located immediately before the numerical value group to be extracted, it is possible to recognize the numerical value from and after the character string.

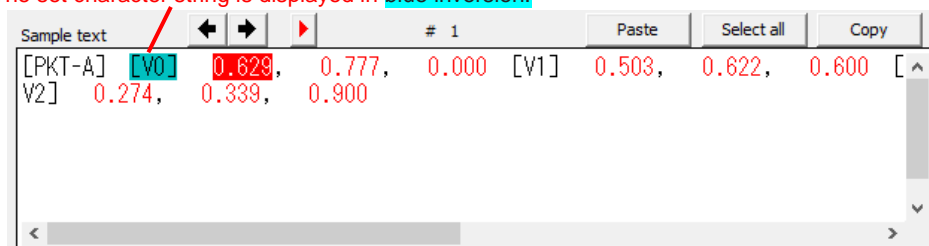
In the following example, it is set to recognize numerical values starting with the character string "[V1]".



When this button is pressed, a character string is set

Enter a character string located immediately before the numerical value group here.

The set character string is displayed in blue inversion.



4) Setting of numerical value to be extracted

Select the target numerical value with the and set it to the position of the corresponding button with the **x0** - **y7** buttons.

Or press the button to set the position indicated by , and the setting position and numerical value advance by 1.

For example, if you press the button nine times in the state of the bottom left figure, it will be set as shown in the lower right figure.

Extraction of value

Extract from the after part of the following string (Beginning of the line in case of space)

[V0] [V0]

Reset

	#	Selected value (X)		#	Selected value (Y)		#	Selected value (Z)
x0			y0			z0		
x1			y1			y1		
x2			y2			z2		
x3			y3			y3		
x4			y4			z4		
x5			y5			y5		
x6			y6			z6		
x7			y7			y7		

Press 9 times

Sample text

[PKT-A] [V0] 0.629, 0.777, 0.000 [V1] 0.503, 0.622, 0.600 [V2] 0.274, 0.339, 0.900

Extraction of value

Extract from the after part of the following string (Beginning of the line in case of space)

[V0] [V0]

Reset

	#	Selected value (X)		#	Selected value (Y)		#	Selected value (Z)
x0	1	0.629	y0	2	0.777	z0	3	0.000
x1	4	0.503	y1	5	0.622	y1	6	0.600
x2	7	0.274	y2	8	0.339	z2	9	0.900
x3			y3			y3		
x4			y4			z4		
x5			y5			y5		
x6			y6			z6		
x7			y7			y7		

Three vector values are set

Sample text

[PKT-A] [V0] 0.629, 0.777, 0.000 [V1] 0.503, 0.622, 0.600 [V2] 0.274, 0.339, 0.900

"#" Indicates the number of the selected value.

Reset	#	Selected value (X)	#	Selected value (Y)	#	Selected value (Z)
	x0	1	0.629	y0	2	0.777
	x1	4	0.503	y1	5	0.622
	x2	7	0.274	y2	8	0.339
	x3			y3		

Displays the seventh numeric value selected on the sample text

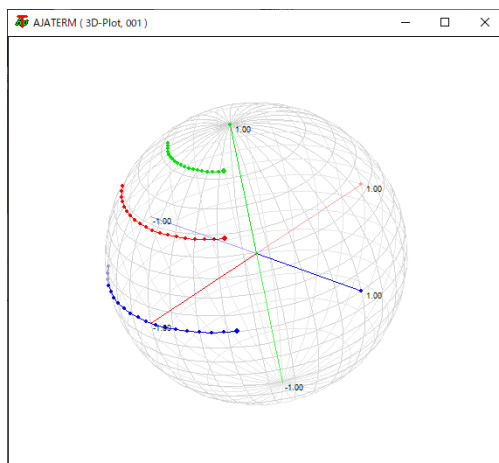
Indicates that the seventh numerical value of the recognized numerical value is selected.

Indicator when valid numeric value is set. The color of this circle is the drawing color on the graphic.

Pressing the "Reset" button clears all numerical value selection settings. (It will be as shown in the left figure above)

When setting is completed, please overwrite it with "OK" button or save it by giving a name with "Save" button.

In the above setting example, three vector values are extracted from the received text line, and the following 3D plot graph is displayed.



Setting the viewpoint

To set the viewpoint, set a specific viewpoint with "XY coordinate plane", "XZ coordinate plane", "YZ coordinate plane", "3D coordinate plane" in the pop-up menu, or drag on the graph window with the left button of the mouse. By doing so, you can set any viewpoint.

If you drag horizontally with the mouse, the display object rotates around the X axis.

If you drag in the vertical direction with the mouse, the display object rotates around the Y axis.

Hold the CTRL key and drag horizontally to rotate the display object around the Z axis.