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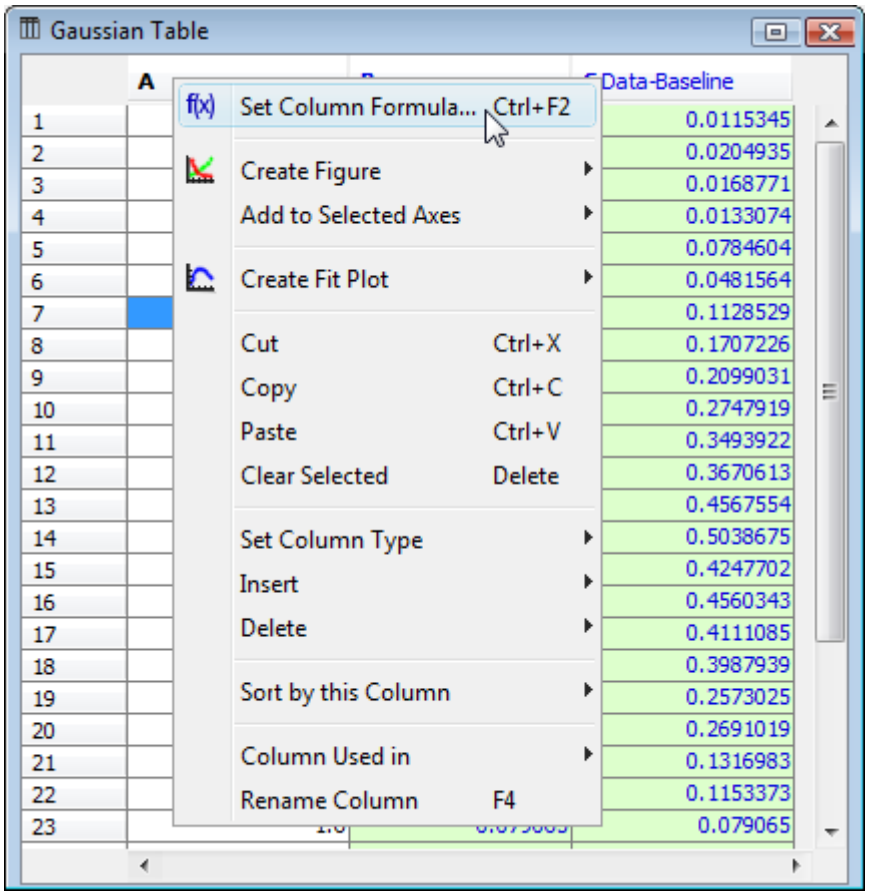
Table Editing

In MagicPlot **Table** is used to store numeric data. All tables use floating-point numbers in IEEE 754 double precision format.

Empty cells are equivalent to Not-a-Number values.

Table Context Menu

Many table editing functions are available in table context menu (right click to open).



Columns Numbers

Columns are enumerated starting with 1. The first 26 columns are additionally denoted with Latin letters: `A, B, C, … Y, Z, 27, 28, 29, ….` You can use either numbers or letters, addressing cells and columns in formulas.

Renaming Columns

Double click on column header to rename table column. You can also use `Rename Column` context menu item or press F4.

Moving (Reordering) Columns

Hold `Alt` key and drag column header to rearrange table columns. If `Alt` key is not pressed, mouse dragging on header will select the columns.

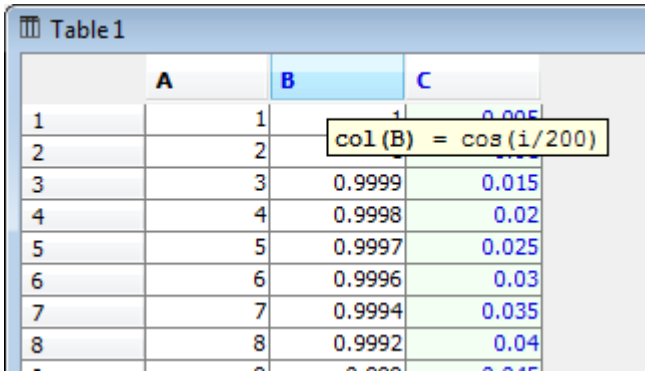
Editing Table

You can edit table cell by double click on it. You can either enter a number or an expression (e.g. writing `pi` in cell equals to `3.1416…`, writing 1+2 equals to 3).

See Formula Syntax section for expression syntax.

Displaying Column Formulas in Table

MagicPlot indicates columns for which formulas or other evaluators (FFT, integral, etc.) are set with blue header color. You can see the formula in column header tool tip.



On the screenshot above:

- Column A has no formula
- Column B has formula, auto recalculation is off
- Column C has formula, auto recalculation is on, so this column is not editable

Fit Column Widths

To fit the width of one column, double click on right separator line in table header. To fit selected columns widths, double click one of column separators in table header.

See Also

- Setting Column Formula
- formula
- Missing Values (NaN) in Tables and Calculations

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