

# Table of Contents

Integration .....

*Formula* .....

1

1



# Integration

Open Table or Figure or Plot with initial data and use Analysis → Integrate menu item.

## Formula

To perform integration you should specify two columns: x and y. Missing values are ignored.

MagicPlot uses [Wtrapezoidal rule](#) to compute the integral:

$$I = \sum_{i=1}^{n-1} (x_{i+1} - x_i) \frac{y_{i+1} + y_i}{2}, \quad n=1 \dots N$$

From:

<https://magicplot.com/wiki/> - **MagicPlot Manual**

Permanent link:

<https://magicplot.com/wiki/integration?rev=1273569746>

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