

Table of Contents

MagicPlot Manual Contents 1

Table of Contents 1

Help us make this manual better! 3

MagicPlot Manual Contents

MagicPlot is a plotting, curve fitting and data analysis tool for Windows, Mac OS X, Unix-like systems. MagicPlot comes in two editions: MagicPlot Pro and MagicPlot Student. MagicPlot Student is free but does not contain some major features and can be used only for non-commercial purposes.

Table of Contents

Overview

- [System Requirements and First Launch](#)
- [Getting Started: Tables, Figures, Fit Plots and Undo](#)
- [Importing Table from Text File \(ASCII\)](#)
- [Table Editing](#)
- [Missing Values \(NaN\) in Tables and Calculations](#)
- [Creating a Copy of Table, Fit Plot, Folder or Figure](#)

Nonlinear Curve Fitting with Fit Plot

- [Nonlinear Curve Fitting: Fit Plot](#)
- [Fitting Algorithm and Computational Formulas](#)
- [Joining the Parameters of Fit Curves](#)
- [Specifying Custom Fit Equation](#)
- [Using Spline for Baseline Subtraction](#)
- [Guessing Peaks](#)
- [Predefined Fit Curves Equations](#)
- [Export Curves as Table](#)

Data Processing

- [Setting Column Formula](#)
- [Data Processing and Auto Recalculation](#)
 - [Smoothing](#)
 - [Integration](#)
 - [Differentiation](#)
 - [Fast Fourier Transform \(FFT\)](#)
 - [Convolution and Deconvolution](#)
 - [Correlation](#)
 - [Histogram Calculation](#)
- [Descriptive Statistics](#)
- [Calculating Integrals and Statistics on Intervals using Fit Plot](#)
- [transform_xy](#)
- [formula](#)
- [Table Sorting](#)

Batch Processing

- [Batch Processing](#)

Visual Data Navigation

- [Scale Scrolling for Data Navigation](#)
- [Reading Plot Data, Measuring Distances, Curves Selection](#)
- [Quick Plot Tool](#)

Editing Figures

- [Adding and Arranging Axes Boxes on a Figure](#)
- [Adding and Arranging Curves on Figure Axes](#)
- [Shifting Curves on Figure and Creating 2D Waterfall](#)
- [Using Figure Templates](#)

Drawing and Editing

- [Axes Style Editing](#)
- [Drawing on Figures and Fit Plots, Image Zoom and Objects Selection](#)
- [Colours and Opacity Adjustment](#)
- [Creating Transparent Figures and Fit Plots](#)
- [Using of Dimensions Toolbar](#)
- [Switching Curves Antialiasing on the Screen](#)

Text Labels Editing

- [Inserting Special Symbols and Greek Letters](#)
- [Advanced Typography Features](#)

Image Exporting and Copying

- [Image Export](#)
- [Preview Image](#)
- [Copying Images to Clipboard](#)

Tools

- [MagicPlot Calculator](#)

Appendices

- [portable](#)

- [comparison](#)
- [Keyboard Shortcuts](#)

Release Notes

- [What's new in MagicPlot 2.2](#)
- [Full Release Notes](#)

Frequently Asked Questions

- [mac_launch](#)
- [MagicPlot and Firewall FAQ](#)

Help us make this manual better!

If you cannot find an answer to your major question or if you find some help topic to be unclear, please write to 'support at magicplot.com'.

From:

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

Permanent link:

https://magicplot.com/wiki/magicplot_wiki_home?rev=1370251479

Last update: **Sun Nov 8 12:20:32 2015**

