
Subject: Contouring for 2D-Arrays, xfarbe new version
Posted by [PREUSSER](#) on Fri, 13 Sep 1996 07:00:00 GMT
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Hello,
there is a new version of xfarbe with colored lines, patterns,
html-documentation, and other improvements.

xfarbe is a program for visualizing 2D-arrays with the following
main characteristics:

- Nonlinear interpolation with bicubics on a rectangular grid
- Computation of contour lines, piecewise on the rectangular cells
- Location of maxima, minima and saddle points from the bicubics
- Optional area filling with colors or patterns between the contours
- Output to X-displays and to Postscript files
- Detailed customization with resource file
- Interactive labeling of contour lines
- Interactive data probing for value and derivatives
- Placing of symbols according to information from a file
- Computation of profiles across the rectangular grid

You get it from my homepage (See below), or from netlib in the
graphics subdirectory, for instance:

<http://netlib.att.com/netlib/graphics/xfarbe.taz.uu.Z>

xfarbe will compile and run on any Unix system with the Athena Widget
Library installed.

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