

---

Subject: stippling or cross hatching in contour plot

Posted by [MA](#) on Fri, 05 Oct 2007 21:26:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I have a couple of maps (contour plots with filled, colored contours) that I'd like to overlay with stippling or hatching without blocking the color underneath. Does anybody have a suggestion on this problem? I'm trying to mark areas with high or low significance in the plot. A simple contour doesn't work very well since the data is pretty noisy, and I end up getting a lot of lines.

The only way to hatch things that I've found is with the `c_orientation` keyword in the contour procedure. My problem with that is that it will always hatch above the topmost defined level. I.e. if I want to hatch between values of 25 and 50, and set `levels=[25,50]`, it will hatch above 50 as well. Also, it erases the colors underneath the hatched portions.

Or should I use `polyfill` instead? I've done stippling before by defining a pattern for `polyfill`. I think this would cover over the underlying color contours, too. Unless I redefine the pattern in each box with the correct color...

Any suggestions?

Thanks!

---