
Subject: 2D array as colour dot image

Posted by [markjamie](#) on Mon, 14 Jan 2013 20:22:37 GMT

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Hi

Think I'm having a slow day as I'm sure the answer to this will be obvious...

I'm trying to use the new / function graphics in IDL8 to plot a 2D array as a colour scaled dotted plot, where each dot represents the value of an element in the array. In essence, the plots I'm trying to create are similar to those featured throughout this presentation http://www.insinume2012.com/downloads/pdf/Session_2/2.4._Zhang.pdf (see slides 5, 6, 7, 9, 10, 11, 12, 13).

I've done similar things in the past with direct graphics using `shade_surf` and automatically rotating the surface so the view is "top down". I've tried this with `surface` in function graphics and while it works, when the number of points gets large it becomes very slow...

Is there any way to do it in function graphics with a 2D image plot?

Given an image is just an array of pixels it seems like it would be obvious.....like I say, think I'm just having a slow day!

Cheers
