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Subject: Creating Colour Maps

Posted by [faeriepunk](#) on Tue, 27 May 2003 15:00:28 GMT

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Hi,

I'm relatively new to IDL and trying to create brain maps using diffusion tensor magnetic resonance imaging and display these images effectively in IDL. I have a map of my image and I want to specify the colours of the pixels not only based on the intensity value of the pixel, but also on the direction of the principle eigenvector associated with each pixel, thus the colour will be associated with direction and the intensity with magnitude. I have no idea how to do this, I know how to create a colour map based on the intensity value but I don't know how to take into account another factor that is not associated with the image but with another dataset and use this to determine the RGB mix. If someone could help me that would be fantastic!

Thanks so much

Kate Morgan

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