
Subject: pixelwise regression for time series images
Posted by [blofton](#) on Wed, 12 May 2010 21:18:06 GMT
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I've written a program that uses LINFIT to calculate a linear model to each pixel in a multitemporal, registered series of images. That is, I fit a line in the time (z-) dimension at each x,y pixel location. However, I am using nested loops to do this and it takes a while to run. For larger images (1024X1024) there is no hope. I am wondering if you've come across a better (IDL-esque) method of doing this; I've not seen anything online.

Thanks for any suggestions,

brad
