
Subject: STANDARD DEVIATON

Posted by [Ben Marriage](#) on Tue, 01 Aug 2000 07:00:00 GMT

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Hi all,

I want to calculate the standard deviation of a 3x3 pixel area for each element of a satellite image (5000x2000 pixels). At the moment I use for loops to scan through the image and then use the built-in IDL standard deviation routines. I've tried to speed this up with the use of convolution and whatnot but never seemed to solve the problem. Does anyone know of a simple and elegant (read "quick") method of doing this without using loops?

Thanks,
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