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Subject: Conditional averaging

Posted by [klassen](#) on Wed, 06 Nov 2002 21:35:20 GMT

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I have a set of arrays which I wish to average in a pixel-by-pixel fashion; that is, I want to create an average array. The problem is that there are points I wish to exclude from the averaging procedure (all of them have been given a particular value, say, -100).

I think I can get them to add so that the 'bad pixel' flags don't contribute to the sum, however, I can't simply divide by the number of arrays, as each point in the array has had a different number of good pixels put into its sum. Is there an easy way to keep track of the number points which went into to the sum?

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