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Subject: Need help with vector processing.

Posted by [S Penzes](#) on Wed, 11 Feb 1998 08:00:00 GMT

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Hi one and all,

I am looking for a smart solution to a problem that keeps occurring and that I can't seem to find a smart solution for.

Bear in mind that the example I am using here is much simplified from the image processing I am trying to do. The goal is to find a solution that minimizes compute time (ie no loops).

Given a vector (lets say vector=[0,0,6,7,8,8,7,0,0,7,8,0,0]) and the fact that I have a window that is 3 wide, how do I process vector so that any data that is greater than 5 and stays that way for more than 3 indexes remains and everything else is set to 0.

vector -> process -> [0,0,6,7,8,8,7,0,0,0,0,0,0]

In my case, vector is the processed result generated from a column from an image and my goal is to remove any spurious signal that isn't at least N pixels wide.

There has to be a slick way to process vector with shift,>,gt,where,and etc so that I don't have to iteratively pass a 3 pixels window over vector using a loop.

Any ideas?

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Note: remove "nospam" from Reply-To and .signature

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