
Subject: Performance of a loop

Posted by [azM](#) on Thu, 18 Oct 2001 06:43:38 GMT

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How can i speed up this procedure? It steps through a matrix of either 64x64x64, 128x128x128 or in the worst case 256x256x256.

```
<==BEGIN IDL==>
FOR i = init, limit, 1 DO BEGIN
  FOR j = init, limit, 1 DO BEGIN
    FOR k = init, limit, 1 DO BEGIN
      X=img_a(i:kernel_dim+i,j:kernel_dim+j,k:kernel_dim+k)
      Y=img_b(i:kernel_dim+i,j:kernel_dim+j,k:kernel_dim+k)
      sign_prob_map=TM_TEST(X,Y)
      spm_plot_statistic(i,j,k)= sign_prob_map(0)
      spm_plot_significance(i,j,k)= sign_prob_map(1)
    ENDFOR
  ENDFOR
ENDFOR
<== END IDL ==>
```

Thanks in advance,

Bob

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