
Subject: Matrix filling methods?

Posted by [nicholas](#) on Thu, 18 Aug 1994 13:32:03 GMT

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I'm trying to speed up some code and hence I am trying to get rid of some FOR loops. I need to fill a 2-d square matrix. The values above the diagonal are given by one formula while those values below the diagonal are given by another. this is how i currently fill the matrix:

```
for i=0,n-1 do begin
    Matrix(i:*,i-1) = x(i-1)/x(k:*)
    Matrix(i-1,i:*) = y(k:*)/y(k-1)
endfor
diag=findgen(n)
Matrix(diag,diag)=z(diag)
```

Does anyone know of a way to speed this up? Maybe a where to find the matrix elements above the diagonal and one for below?

Any help is greatly appreciated,

Thanks,

Andy

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