
Subject: Re: diagonal dominant

Posted by [Brian Daniel](#) on Wed, 30 Jan 2013 17:00:48 GMT

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On Wednesday, January 30, 2013 9:26:11 AM UTC-5, Gompie wrote:

> Hi,

>

> I have a matrix(256,256) and I want to convert it into diagonal dominant form.

>

> What is the best way to do it. Does IDL have function to do it?

>

> Gompie

Well, if you're building a matrix by hand, try DIAG_MATRIX. You can put values along the diagonal, or offset them by a set number of rows. For example:

```
print,diag_matrix([3,4,5],1)
```

```
0    3    0    0
0    0    4    0
0    0    0    5
0    0    0    0
```

-Brian
