
Subject: Sparse matrixes

Posted by [amin farhang](#) on Mon, 12 Jan 2015 11:31:20 GMT

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Dear All,

I want to define a sparse matrix using coordinate storage format, to use in IMSL_SP_GMRES function. When I run below commands, IDL do not know imsl_f_sp_elem structure. how can I solve this?

```
A = replicate(imsf_sp_elem, 15)
a(*).row = [0, 1, 1, 1, 2, 3, 3, 3, 4, 4, 4, 4, 5, 5, 5]
a(*).col = [0, 1, 2, 3, 2, 0, 3, 4, 0, 3, 4, 5, 0, 1, 5]
a(*).val = [10, 10, -3, -1, 15, -2, 10, -1, -1, -5, 1, -3, -1, -2, 6]
```

Thanks

Best,
