

```
>> [A,B,C,D]=linmod('MMPS_with_DFIG_PSS')
Warning: Matching "From" for "Goto" 'MMPS_with_DFIG_PSS/SMIB/PSS/Goto1' not found
> In checkSingleTaskingSolver (line 30)
    In dlinmod (line 184)
    In linmod (line 59)
Warning: Matching "From" for "Goto" 'MMPS_with_DFIG_PSS/SMIB/PSS/Goto2' not found
> In checkSingleTaskingSolver (line 30)
    In dlinmod (line 184)
    In linmod (line 59)
Warning: Matching "From" for "Goto" 'MMPS_with_DFIG_PSS/SMIB/PSS/Goto3' not found
> In checkSingleTaskingSolver (line 30)
    In dlinmod (line 184)
    In linmod (line 59)
Warning: Output port 1 of 'MMPS_with_DFIG_PSS/DFIG/Complex to Magnitude-Angle' is not
connected.
> In checkSingleTaskingSolver (line 30)
    In dlinmod (line 184)
    In linmod (line 59)
Warning: Output port 2 of 'MMPS_with_DFIG_PSS/SMIB/Complex to Magnitude-Angle' is not
connected.
> In checkSingleTaskingSolver (line 30)
    In dlinmod (line 184)
    In linmod (line 59)
Warning: Matching "From" for "Goto" 'MMPS_with_DFIG_PSS/SMIB/PSS/Goto1' not found
> In dlinmod (line 196)
    In linmod (line 59)
Warning: Matching "From" for "Goto" 'MMPS_with_DFIG_PSS/SMIB/PSS/Goto2' not found
> In dlinmod (line 196)
    In linmod (line 59)
Warning: Matching "From" for "Goto" 'MMPS_with_DFIG_PSS/SMIB/PSS/Goto3' not found
> In dlinmod (line 196)
    In linmod (line 59)
Warning: Output port 1 of 'MMPS_with_DFIG_PSS/DFIG/Complex to Magnitude-Angle' is not
connected.
> In dlinmod (line 196)
    In linmod (line 59)
Warning: Output port 2 of 'MMPS_with_DFIG_PSS/SMIB/Complex to Magnitude-Angle' is not
connected.
> In dlinmod (line 196)
    In linmod (line 59)
```

A =

1.0e+04 *

Columns 1 through 16

0	0	0	0	-0.0004	0.0001	0.0000	-0.0000
-0.0008	0.0005	0.0001	0.0001	-0.0004	0.0001	0.0000	-0.0000

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1:49:23 PM

	0	0	0	0	0.0002	-0.0003	0.0000	0.0000	✓
0.0005	-0.0010	0.0001	0.0001	0.0002	-0.0003	0.0000	0.0000		
	0	0	0	0	0.0000	0.0000	-0.0003	0.0000	✓
0.0000	0.0001	-0.0008	0.0006	0.0000	0.0000	-0.0003	0.0001		
	0	0	0	0	0.0000	0.0001	0.0002	-0.0000	✓
0.0001	0.0001	0.0006	-0.0009	0.0000	0.0001	0.0002	-0.0001		
	0	0	0	0	-0.0001	0.0000	0.0000	0.0000	✓
-0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000		
	0	0	0	0	0.0000	-0.0001	0.0000	0.0000	✓
0.0000	-0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000		
	0	0	0	0	0.0000	0.0000	-0.0001	0.0000	✓
-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0001	0.0000		
	0	0	0	0	0.0000	0.0000	0.0000	-0.0000	✓
-0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0001		
	0.0377	0	0	0	0	0	0	0	✓
0	0	0	0	0	0	0	0	0	
	0	0.0377	0	0	0	0	0	0	✓
0	0	0	0	0	0	0	0	0	
	0	0	0.0377	0	0	0	0	0	✓
0	0	0	0	0	0	0	0	0	
	0	0	0	0.0377	0	0	0	0	✓
0	0	0	0	0	0	0	0	0	
	0	0	0	0	0.0031	0.0001	0.0000	0.0000	✓
-0.0004	0.0002	0.0000	0.0000	-0.0035	0.0001	0.0000	0.0000		
	0	0	0	0	0.0001	0.0031	0.0000	0.0000	✓
0.0001	-0.0003	0.0000	0.0001	0.0001	-0.0036	0.0000	0.0000		
	0	0	0	0	0.0000	0.0000	0.0032	0.0000	✓
-0.0000	0.0000	-0.0003	0.0002	0.0000	0.0000	-0.0035	0.0001		
	0	0	0	0	0.0000	0.0000	0.0001	0.0030	✓
-0.0000	-0.0000	0.0001	-0.0001	0.0000	0.0000	0.0001	-0.0035		
	0	0	0	0	0.0000	0.0001	0.0000	0.0000	✓
0.0005	-0.0004	-0.0000	-0.0000	0.0000	0.0001	0.0000	0.0000		
	0	0	0	0	-0.0001	0.0000	0.0000	0.0000	✓
-0.0005	0.0008	-0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0000		
	0	0	0	0	-0.0000	-0.0000	0.0000	0.0000	✓
-0.0001	-0.0001	0.0007	-0.0005	-0.0000	-0.0000	0.0000	0.0001		
	0	0	0	0	-0.0000	-0.0000	-0.0001	0.0000	✓
-0.0001	-0.0002	-0.0006	0.0010	-0.0000	-0.0000	-0.0001	0.0000		
	0	0	0	0	-0.0000	-0.0000	-0.0000	-0.0000	✓
-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000		
	0	0	0	0	0.0000	-0.0000	-0.0000	-0.0000	✓
0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000		
	0	0	0	0	0.0000	0.0000	-0.0000	-0.0000	✓
0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000		
	0	0	0	0	0.0000	0.0000	0.0000	-0.0000	✓
0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000	0.0000	-0.0000		
	0	0	0	0	-0.0000	-0.0000	-0.0000	-0.0000	✓
0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000		
	0	0	0	0	-0.0000	-0.0000	-0.0000	-0.0000	✓

[illegible]






















Columns 17 through 32

[illegible]
















```
0      0      0      0      0      0      0      0      0
0      0      0      0      0      0      0      0      0
-0.0000 -0.0001 -0.0000 -0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 -0.0000 -0.0000 0 0 0 0
0.0001 -0.0000 -0.0000 -0.0000 -0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 -0.0000 -0.0000 0 0 0 0
0.0000 0.0000 -0.0000 -0.0001 -0.0000 -0.0000 0.0000 0.0000
0.0000 0.0000 -0.0000 -0.0000 0 0 0 0
0.0000 0.0000 0.0001 -0.0000 -0.0000 -0.0000 -0.0000 0.0000
0.0000 0.0000 -0.0000 -0.0000 0 0 0 0
-0.0027 0.0004 0.0000 0.0001 -0.0019 -0.0001 -0.0000 -0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0 0 0 0
0.0004 -0.0028 0.0001 0.0001 -0.0001 -0.0019 -0.0000 -0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0 0 0 0
0.0000 0.0001 -0.0026 0.0005 -0.0000 -0.0000 -0.0019 -0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0 0 0 0
0.0001 0.0001 0.0005 -0.0027 -0.0000 -0.0000 -0.0001 -0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0 0 0 0
-0.0007 -0.0000 -0.0000 -0.0000 -0.0010 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0 0 0 0
-0.0000 -0.0007 -0.0000 -0.0000 0.0000 -0.0010 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000 0 0 0 0
-0.0000 -0.0000 -0.0007 -0.0000 0.0000 0.0000 -0.0010 0.0000
0.0000 0.0000 0.0000 0.0000 0 0 0 0
-0.0000 -0.0000 -0.0000 -0.0007 0.0000 0.0000 0.0000 -0.0010
0.0000 0.0000 0.0000 0.0000 0 0 0 0
-0.0000 -0.0000 -0.0000 -0.0000 0.0000 0.0000 0.0000 0.0000
-0.0000 -0.0000 0.0000 0.0000 0.0000 -0.0000 0 0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0.0000 0.0000 0.0000 0.0000
-0.0000 -0.0000 0.0000 0.0000 0 0 0 0
0.0000 0.0000 0.0000 0.0000 -0.0000 -0.0000 -0.0000 -0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0.0000 -0.0000 0 0.0000
0.0000 0.0000 0.0000 0.0000 -0.0000 -0.0000 -0.0000 -0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0 0 0 0
0 0 0 0 0 0 0 0
-0.0000 0 -0.0000 0 0 -0.0000 0 0.0000
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
0 0 0 0 0 0 -0.0004 0
0.0000 0.0000 0.0000 0.0000 -0.0000 -0.0000 -0.0000 -0.0000
-0.0000 -0.0000 0.0000 -0.0000 -0.0000 0.0000 0 -0.0000
0.0000 0.0000 0.0000 0.0000 -0.0000 -0.0000 -0.0000 -0.0000
-0.0000 -0.0000 -0.0000 -0.0000 0.0000 -0.0000 0 -0.0000
0 0 0 0 0 0 0 0
0.0000 0 -0.0000 0 0 0 0 0.0000
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
```


	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	

Columns 33 through 48

	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	

Columns 49 through 62

0	0	0	0	0	0	0	0	
0	0	0.0001	0	0	0			
	0	0	0	0	0	0	0	
0	0	0	0.0001	0	0			
	0	0	0	0	0	0	0	
0	0	0	0	0.0001	0			
	0	0	0	0	0	0	0	
0	0	0	0	0	0.0001			
	0	0	0	0	0	0	0	
0	0	0	0	0	0	0.0001		
	0	0	0	0	0	0	0.0025	
0	0	0	0	0	0			
	0	0	0	0	0	0	0	
0	0	0	0	0	0			
	0	0	0	0	0	0	0	









[illegible]

[illegible]

	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
	0
50	0
50	0
50	0
50	0
0	0
0	0
0	0
0	0

C =

Columns 1 through 27

	1	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	1	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	1	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	1	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Columns 28 through 54

[illegible]

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	✖
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	✖
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	✖
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Columns 55 through 62

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

D =

0
0
0
0

>>