

## Editor

```
1. commandwindow
2. clear
3. clc
4. A = [2 3 7 9 4; 3 7 9 12 5; 4 8 5 6 9; 5 9 2 4 5; 6 2 3 7 8]
5. lingie=det(A)
6. hazard=A^-1
7. Eluwa=rats(hazard)
```

## Commandwindow

A =

```
2     3     7     9     4
3     7     9    12     5
4     8     5     6     9
5     9     2     4     5
6     2     3     7     8
```

lingie =

-765.0000

hazard =

1.8915	-1.4026	-0.3124	0.7843	-0.2078
-0.4379	0.3268	0.0523	-0.0392	-0.0196
2.5725	-1.8392	-0.0863	0.7647	-0.5176
-1.8876	1.4654	0.0105	-0.6078	0.3961
-0.6222	0.3778	0.2444	-0.3333	0.1333

Eluwa =

5×70 char array

'	401/212	-108/77	-239/765	40/51	-53/255	'
'	-67/153	50/153	8/153	-2/51	-1/51	'
'	656/255	-469/255	-22/255	13/17	-44/85	'
'	-319/169	148/101	3/287	-31/51	101/255	'
'	-28/45	17/45	11/45	-1/3	2/15	'

## Editor

```
1. commandwindow
2. clear
3. clc
4. A=[ 0 10 4 -2; -3 -17 1 2; 1 1 1 0; 8 -34 16 -10]
5. X=[-4;2;6;4]
6. C=(A^-1)*X
```

## Commandwindow

A =

```
    0    10     4    -2
   -3   -17     1     2
    1     1     1     0
    8   -34    16   -10
```

X =

```
   -4
     2
     6
     4
```

C =

4.0000

-0.0000

2.0000

6.0000

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