
```

%Kyle O'Connor
%
%January 19, 2016
%
%Lecutre 2
%
%
clear
close all
home
a = [1 2 -5; 3 1 4; 1 2 -1]

b = [7 8 9; 6 -5 4; 3 2 -1]

c = [1 2 3; 4 5 6]

d = [1 2 3; 4 5 6]

e = [1 2 -5; 3 1 4; 4 3 -1]

```

$a =$

1	2	-5
3	1	4
1	2	-1

$b =$

7	8	9
6	-5	4
3	2	-1

$c =$

1	2	3
4	5	6

$d =$

1	2	3
4	5	6

$e =$

1	2	-5
3	1	4
4	3	-1

```

clear
close all
home
x = 0:10

y1 = (-8-2*x)/3;
y2 = 9-(3*x);

plot(x,y1,'r.-',x,y2,'b.-')

a = [2 3; 3 1]
b = [-8; 9]
det(a)
inv(a)
inv(a)*b

```

```

x =

    0    1    2    3    4    5    6    7    8    9   10

```

```

a =

    2    3
    3    1

```

```

b =

   -8
    9

```

```

ans =

   -7

```

```

ans =

   -0.1429    0.4286
    0.4286   -0.2857

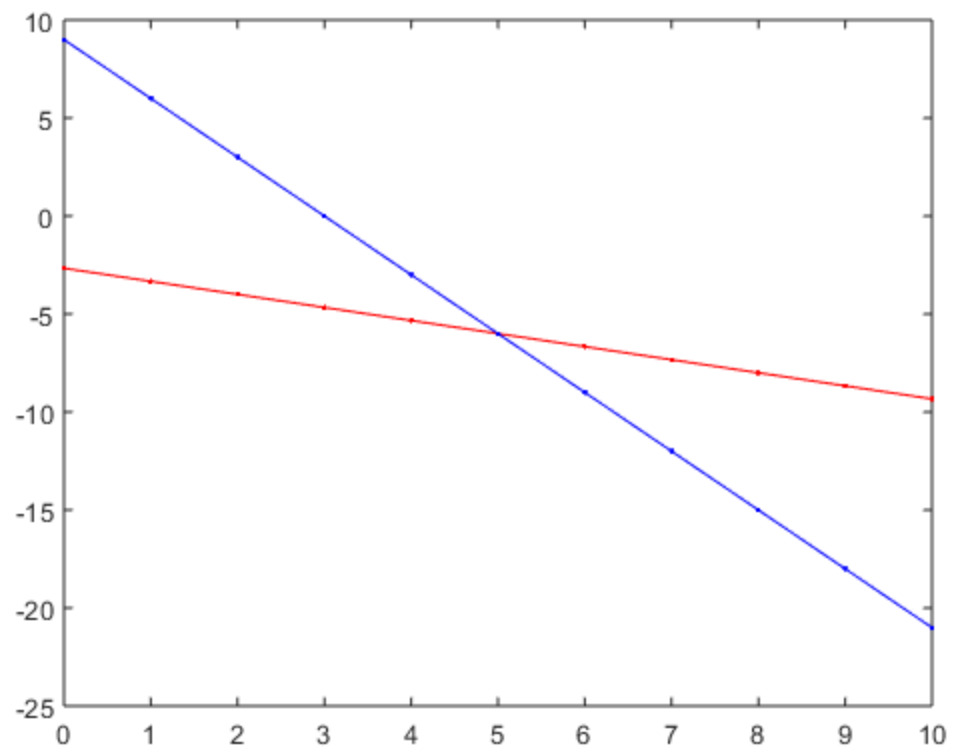
```

```

ans =

    5
   -6

```



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