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COURSE: ENG281

MATRIC NO: 16/ENG06/001

commandwindow

clear

clc

a=[1,-2,-1,3;2,3,0,1;1,-4,-2;0,-1,3,1]

b=[10;8;3;7]

x=inv(a)\*b

Error using Untitled4 (line 4)

Dimensions of matrices being concatenated are not consistent.

>>

commandwindow

clear

clc

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]

D=det(A)

G=A'

P=inv(A)

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

D =

-765.0000

G =

2 3 4 5 6

3 7 8 9 2

7 9 5 2 3

9 12 6 4 7

4 5 9 5 8

P =

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

commandwindow

clear

clc

a=[3,2,5;7,9,2;1,8,4]

b=[2,3,0;1,8,5;4,7,6]

c=a+b

d=a-b

m=a\*b

h=7\*a

em=a.\*b

>>a =

3 2 5

7 9 2

1 8 4

b =

2 3 0

1 8 5

4 7 6

c =

5 5 5

8 17 7

5 15 10

d =

1 -1 5

6 1 -3

-3 1 -2

m =

28 60 40

31 107 57

26 95 64

h =

21 14 35

49 63 14

7 56 28

em =

6 6 0

7 72 10

4 56 24

>>