

In [3]:

```
#Use Gauss-Jordan elimination to determine the determinant of the matrix,

#           1 4 2 3
#           0 1 4 4
#          -1 0 1 0
#           2 0 4 1

#importing the determinant calculator function from library
from My_Lib import determinant_calc

#Readable augmented matrix form:

list_C=[]
with open("matrix4.txt") as matC:
    for k in matC:
        list_C.append(list(map(float, k.split())))

print("The determinant is:")
determinant_calc(list_C)
```

The determinant is:

Out[3]:

65.0