In [6]:
```python
import numpy as np
from math import sqrt
a = np.array([
    [6,10,-5,-5],
    [0,1,0,0],
    [6,14,-7,-6],
    [1,2,-1,-1]
])
b = np.array([
    [1,0,0,-5,15],
    [0,1,0,0,-7],
    [0,2,-1,6,3],
    [1,0,1,-12,-5]
])


x = np.dot(a,b)
print(x)
```

```
[[ 1  0  0  0 30]
 [ 0  1  0  0 -7]
 [ 0  0  1  0  1]
 [ 0  0  0  1  3]]
```

In [ ]: