

```
>> A=[0,1,0;0,0,1;10,7,-4]
```

```
A =
```

```
    0    1    0
    0    0    1
   10    7   -4
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
   -4   10   -7
    0    0   -1
   -1    0    0
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
  -5.6471   5.5882  -9.7014
  -0.4118   1.6471  -2.4254
   0.2425  -0.9701    0
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
  -4.8095  10.3749   5.5734
   0.1583   1.8701   0.3618
  -0.0527  -0.6225  -1.0606
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0875    7.8498   -8.5157  
-0.0671    1.9339   -1.5621  
 0.0098   -0.2816   -0.8464
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-4.9674    9.0894    7.3103  
 0.0269    2.0189    1.0302  
-0.0020   -0.1531   -1.0515
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0135    8.4730   -7.9697  
-0.0108    1.9814   -1.2999  
 0.0004   -0.0734   -0.9679
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-4.9947    8.7772    7.6531  
 0.0043    2.0093    1.1726  
-0.0001   -0.0376   -1.0146
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0021    8.6265   -7.8148  
-0.0017    1.9945   -1.2354  
0.0000   -0.0186   -0.9923
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-4.9991    8.7013    7.7347  
0.0007    2.0029    1.2049  
-0.0000   -0.0093   -1.0037
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0003    8.6642   -7.7750  
-0.0003    1.9984   -1.2199  
0.0000   -0.0047   -0.9981
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-4.9999    8.6826    7.7548  
0.0001    2.0008    1.2125  
-0.0000   -0.0023   -1.0009
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0001    8.6735   -7.7649  
-0.0000    1.9996   -1.2162  
0.0000   -0.0012   -0.9995
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0000    8.6780    7.7599  
0.0000    2.0002    1.2144  
-0.0000   -0.0006   -1.0002
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0000    8.6757   -7.7624  
-0.0000    1.9999   -1.2153  
0.0000   -0.0003   -0.9999
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0000    8.6769    7.7612  
0.0000    2.0001    1.2148  
-0.0000   -0.0001   -1.0001
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0000    8.6763   -7.7618  
-0.0000    2.0000   -1.2151  
0.0000   -0.0001   -1.0000
```

```
>> [Q R]=qr(A);A=R*Q
```

```
A =
```

```
-5.0000    8.6766    7.7615  
0.0000    2.0000    1.2149  
-0.0000   -0.0000   -1.0000
```