

```
>> A=[2,3,5,-1;-1,7,3,5;-1,-1,2,4];  
>> [U,S,V]=svd(A);  
>> S(3,3)=0;  
>> B=U*S*V'
```

B =

| | | | |
|---------|--------|---------|---------|
| 1.8390 | 3.9718 | 3.9798 | -1.3639 |
| -0.8435 | 6.0554 | 3.9916 | 5.3537 |
| -1.3234 | 0.9525 | -0.0498 | 3.2689 |

```
>>
```