

ex2

April 6, 2017

```
In [2]: import numpy as np
```

```
sigma1 = np.array([[1.0, 0.4328], [0.4328, 1.0]])  
sigma2 = np.array([[1.0, -0.3184], [-0.3184, 1.0]])
```

```
inv1 = np.linalg.inv(sigma1)  
inv2 = np.linalg.inv(sigma2)
```

```
In [3]: inv1
```

```
Out[3]: array([[ 1.23049033, -0.53255621],  
               [-0.53255621,  1.23049033]])
```

```
In [4]: inv2
```

```
Out[4]: array([[ 1.11281565,  0.3543205 ],  
               [ 0.3543205 ,  1.11281565]])
```

```
In [ ]:
```