

```
In [9]: X2D[:5]
```

```
Out[9]: array([[ 1.26203346,  0.42067648],  
               [-0.08001485, -0.35272239],  
               [ 1.17545763,  0.36085729],  
               [ 0.89305601, -0.30862856],  
               [ 0.73016287, -0.25404049]])
```

```
In [10]: X2D_using_svd[:5]
```

```
Out[10]: array([[ -1.26203346, -0.42067648],  
                [  0.08001485,  0.35272239],  
                [-1.17545763, -0.36085729],  
                [-0.89305601,  0.30862856],  
                [-0.73016287,  0.25404049]])
```