

Appendix

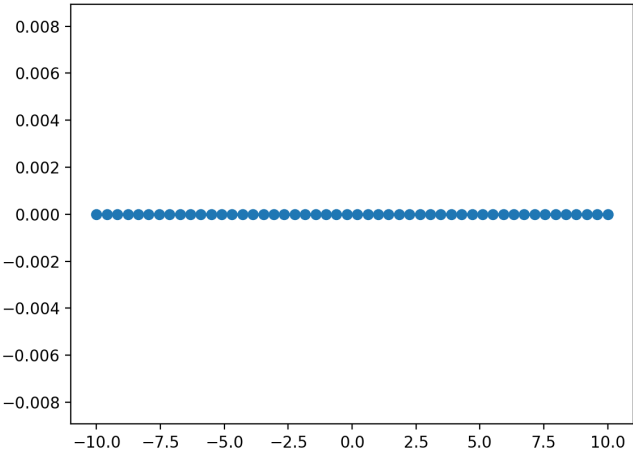
3.

(b)

The code is pointsGenerator.py. The results are shown in the picture below.

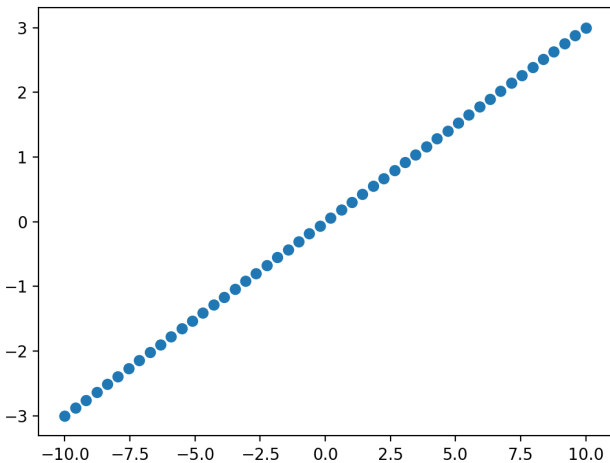
```
N/A
0.9999999999999998
0.9999999999999998
0.9764150185459565
-0.06013660964413438
0.5937835513268563
```

Dataset 1



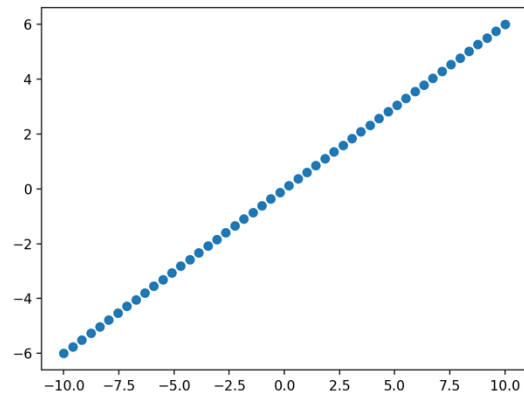
Correlation coefficient: N/A

Dataset 2



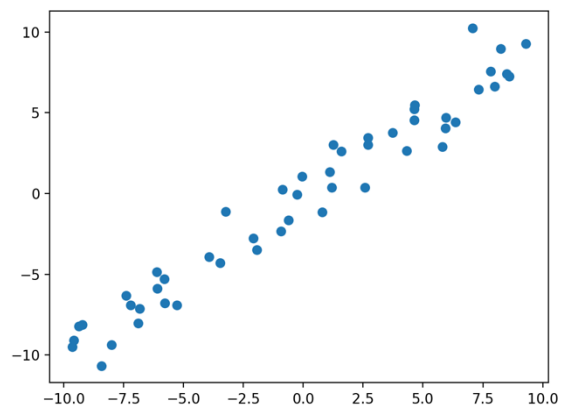
Correlation coefficient: 0.99998

Dataset 3:



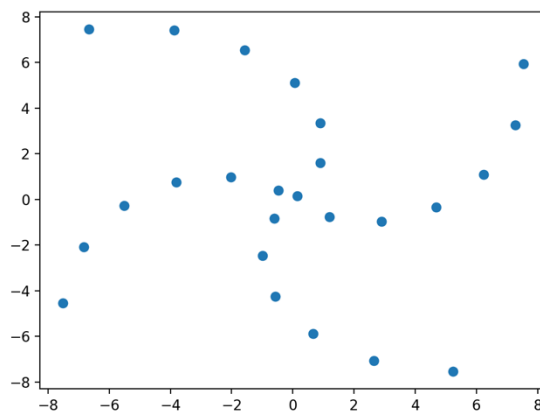
Correlation coefficient: 0.99998

Dataset 4:



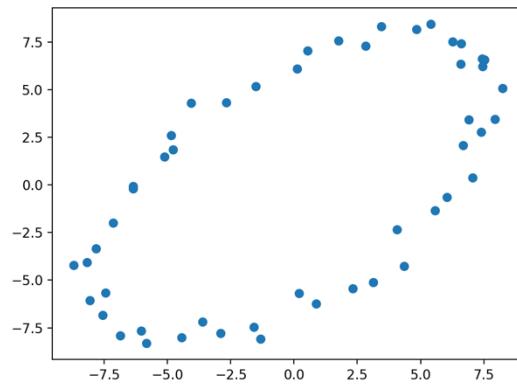
Correlation coefficient: 0.976415

Dataset 5



Correlation coefficient: -0.06013

Dataset 6:

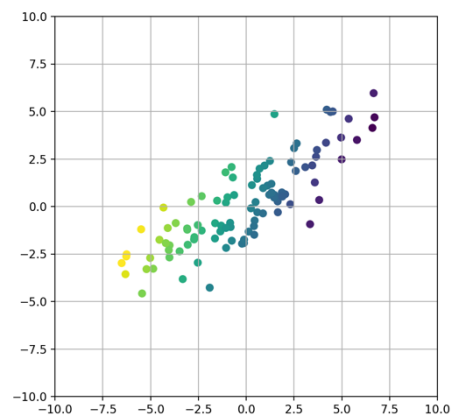


Correlation coefficient: 0.593784

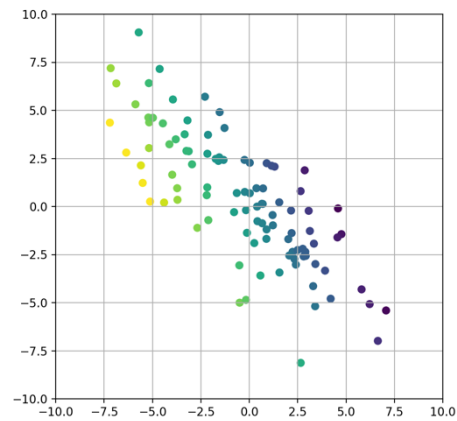
4.

The code is in CCA.py

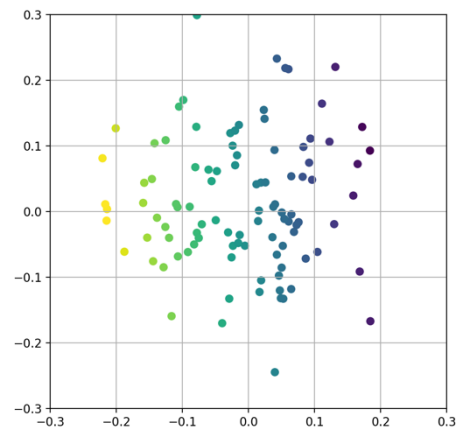
X



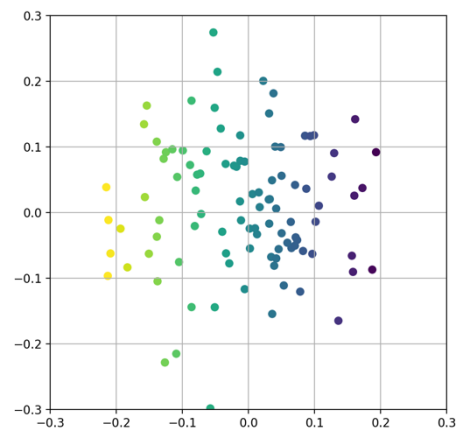
Y



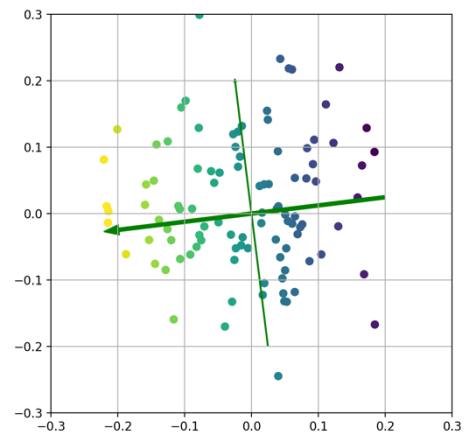
Whitened X



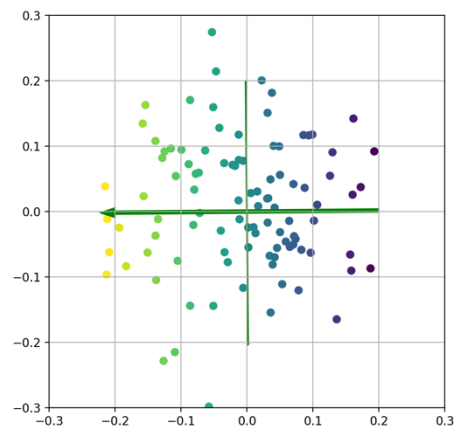
Whitened Y



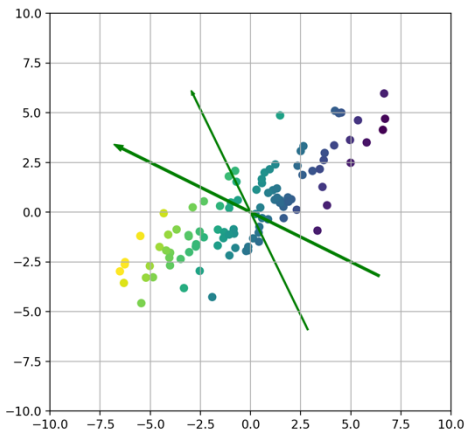
CCA on whitened X



CCA on whitened Y



CCA on X



CCA on Y

