
Loading shapes

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Ellipse Dataset

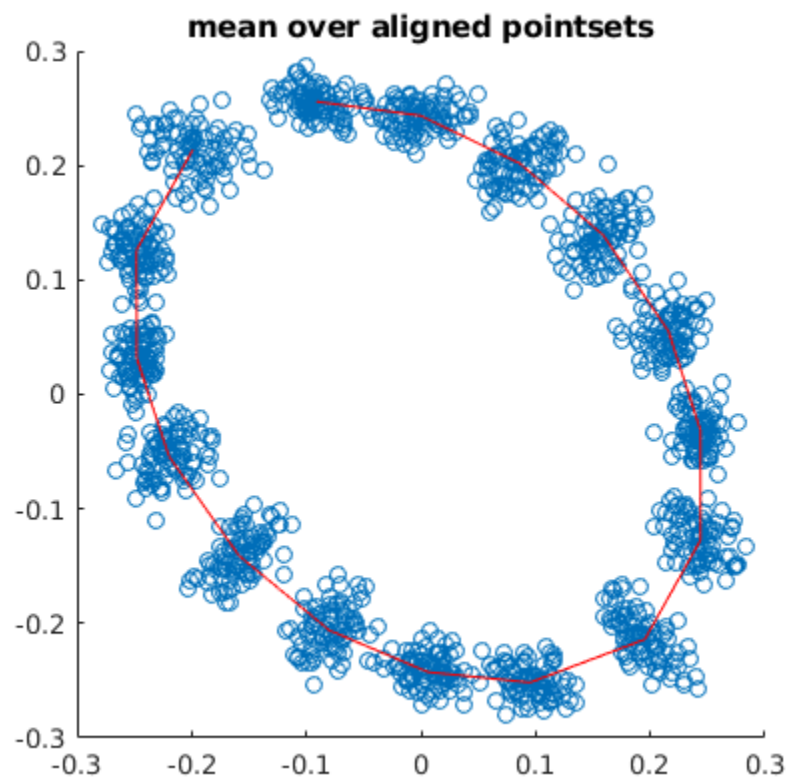
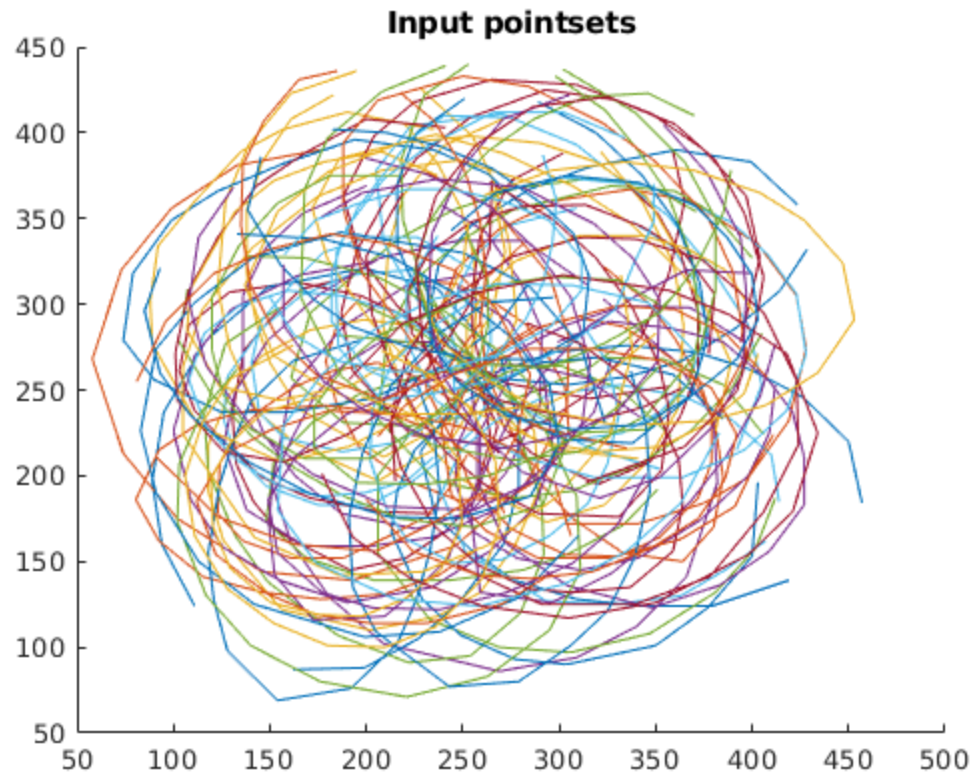
```
load("../data/ellipse/data/data/ellipse_data.mat");  
helper(shapes);
```

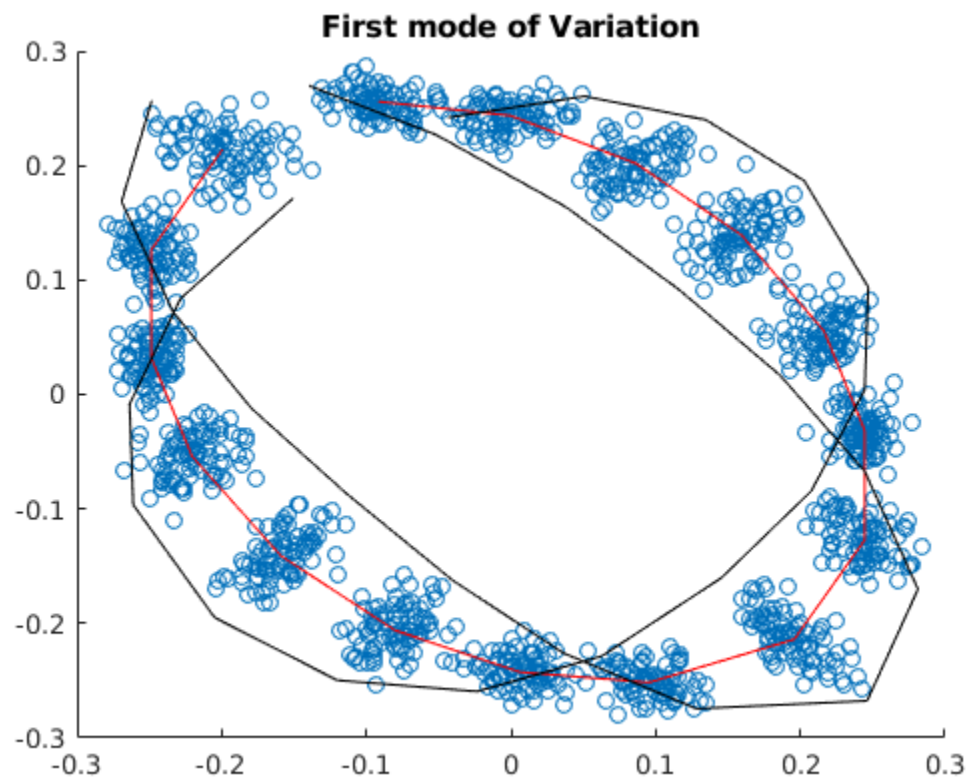
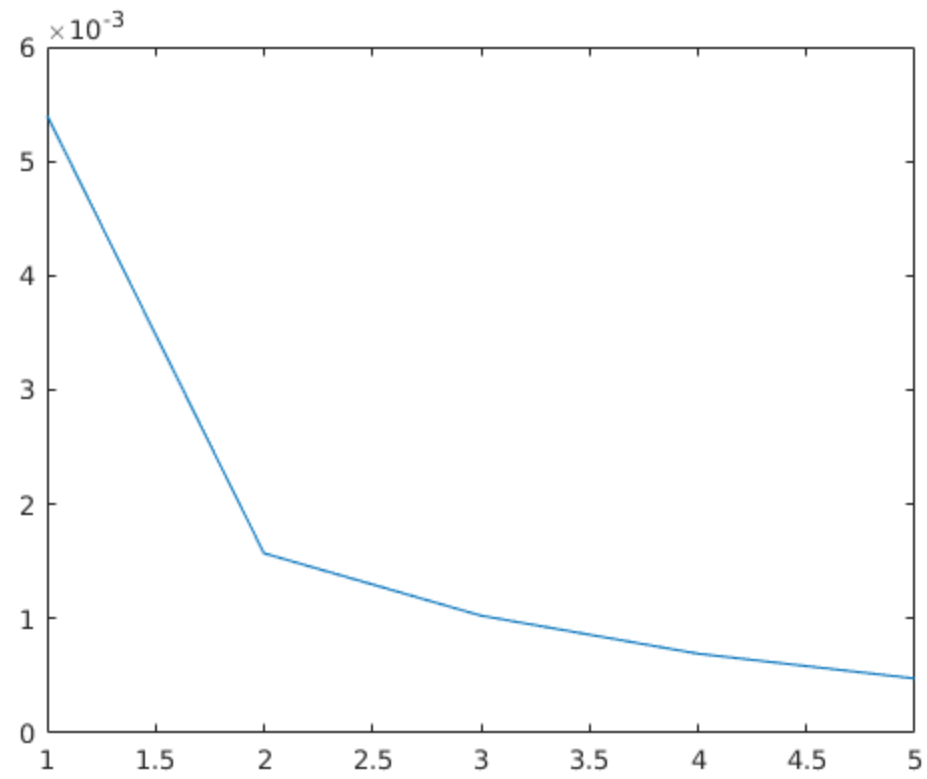
```
ans =
```

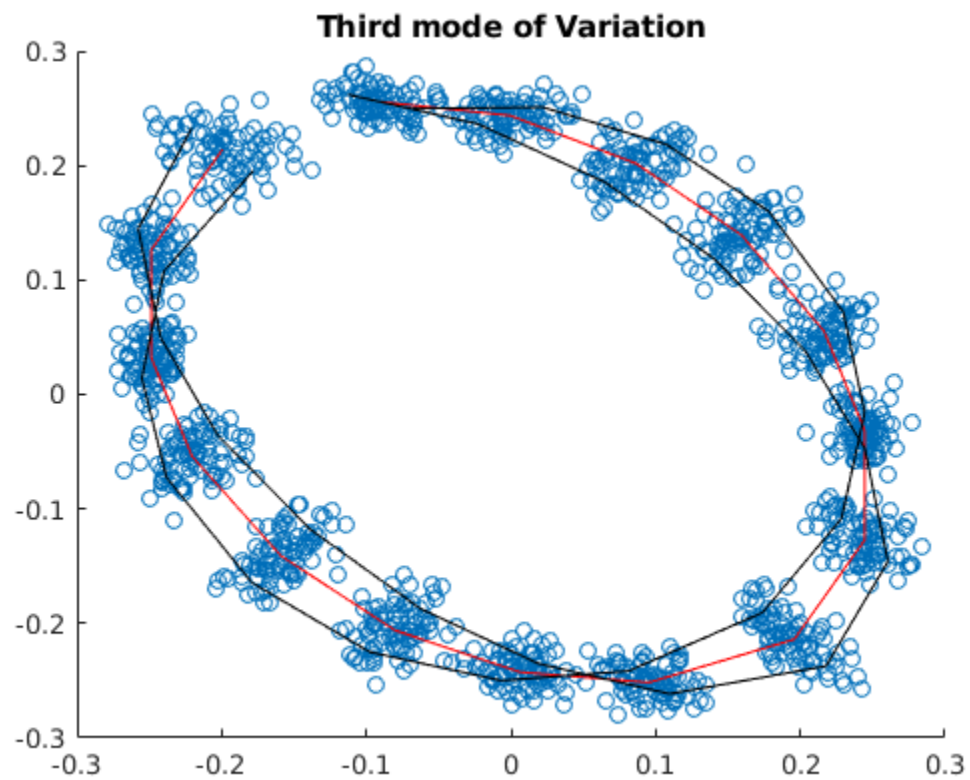
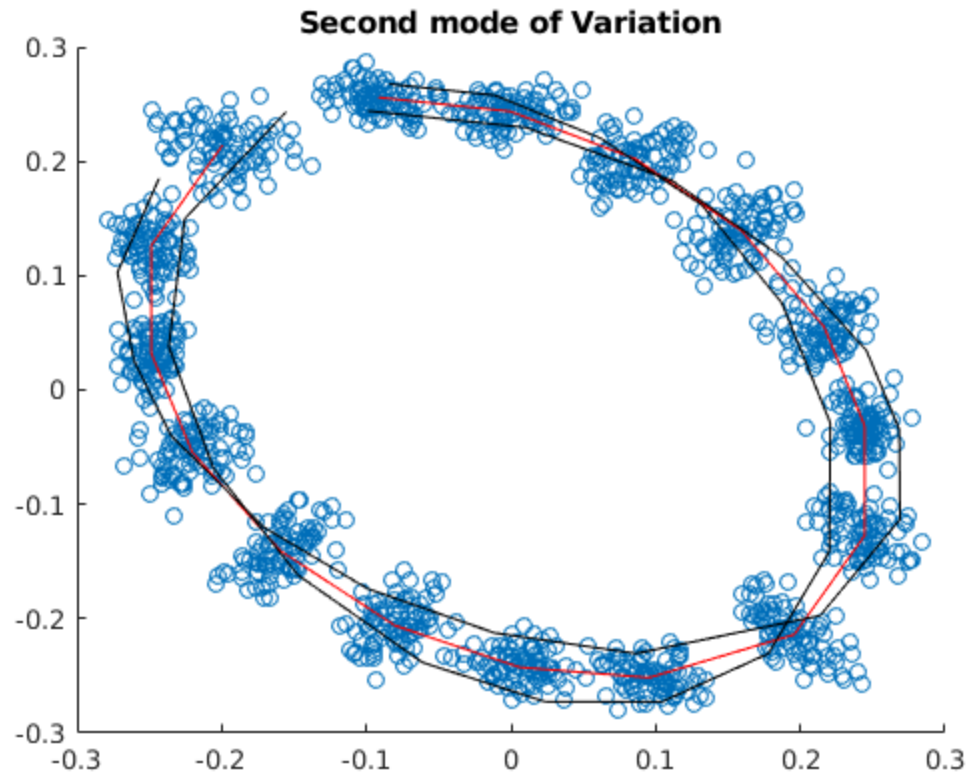
```
0.0054  
0.0016  
0.0010  
0.0007  
0.0005
```

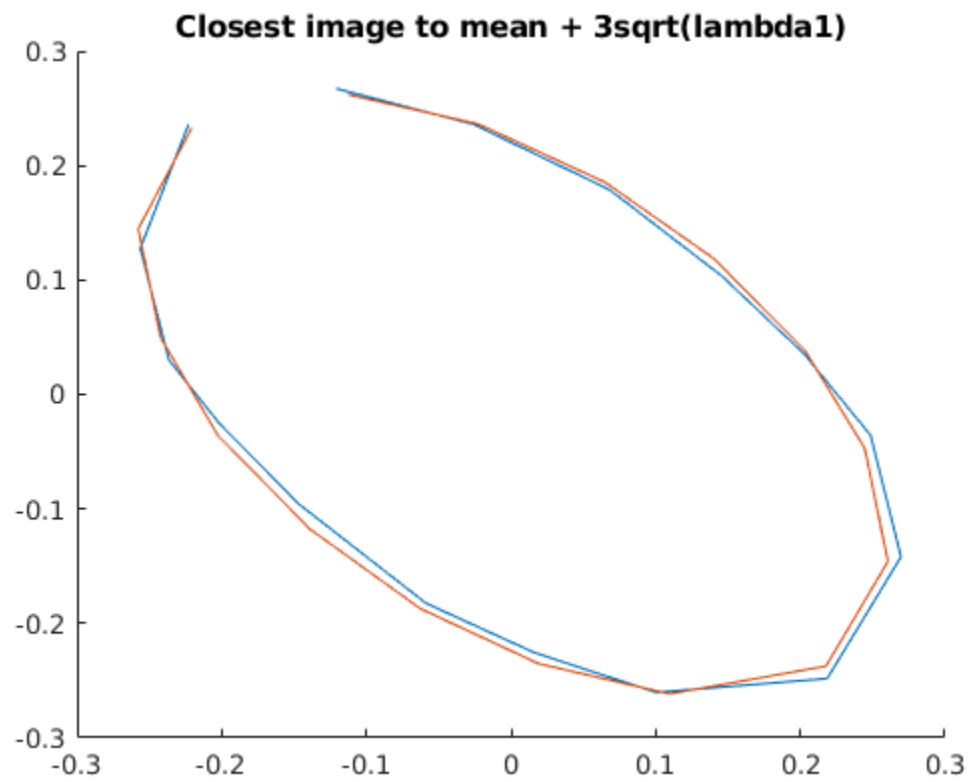
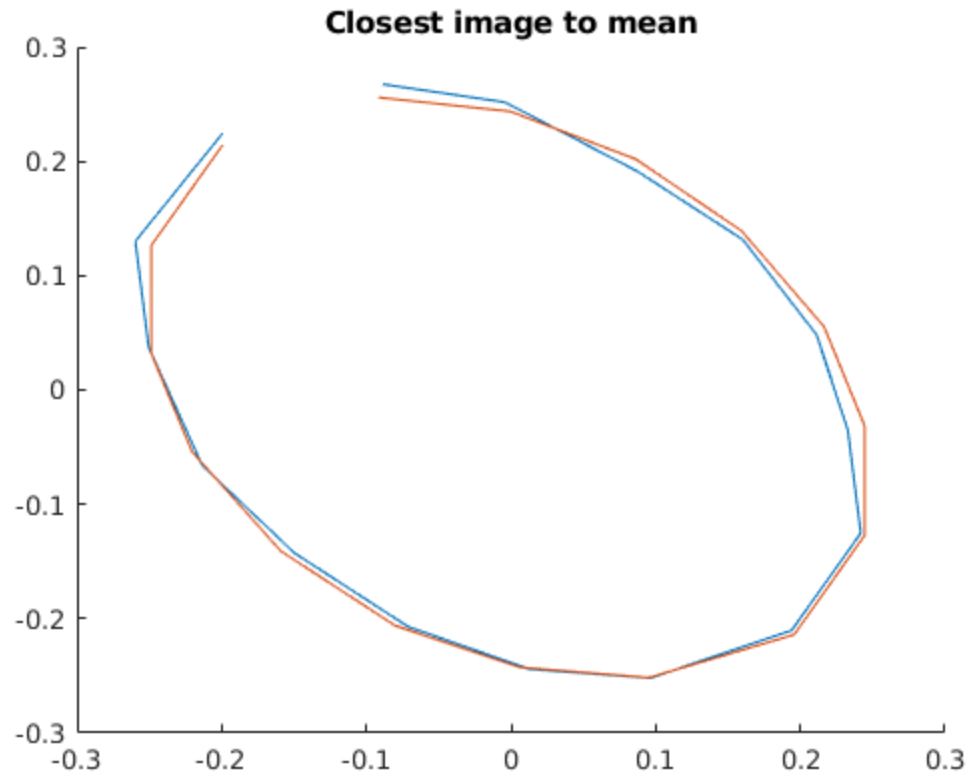
```
ans =
```

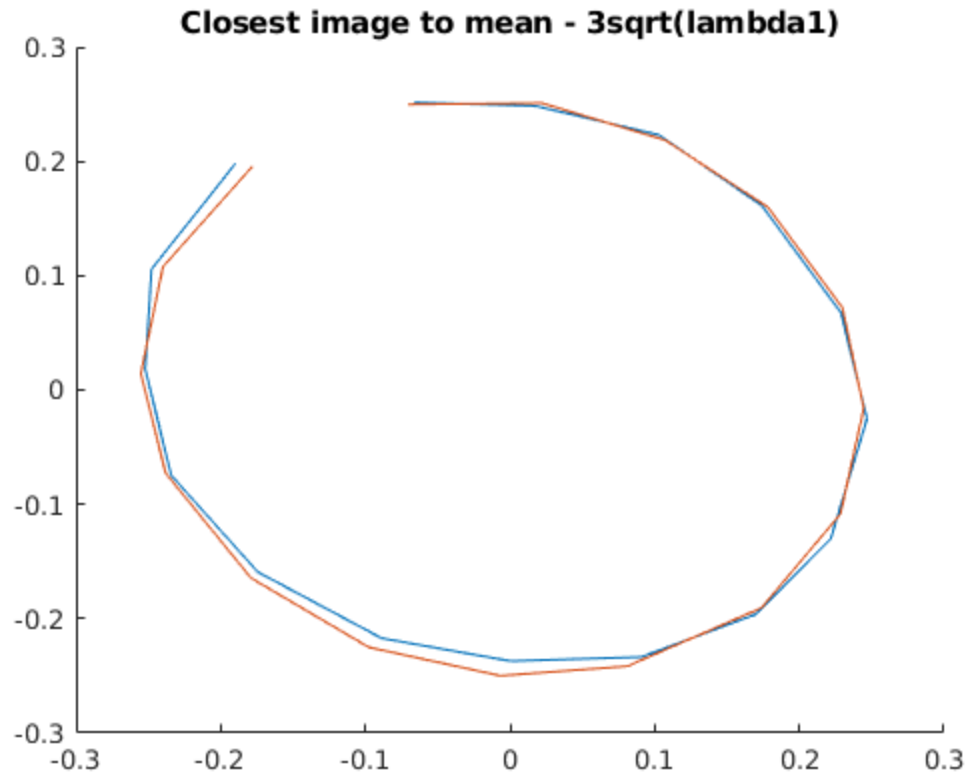
```
32    87
```











Human Hand Dataset

```
load("../data/hand/data.mat") ;  
shapes1 = permute(shapes, [2, 1, 3]);  
shapes2 = reshape(shapes1, [112 40]);  
helper(shapes2);
```

Warning: Polyshape has duplicate vertices, intersections, or other inconsistencies that may produce inaccurate or unexpected results.

Input data

has been modified to create a well-defined polyshape.

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Input data

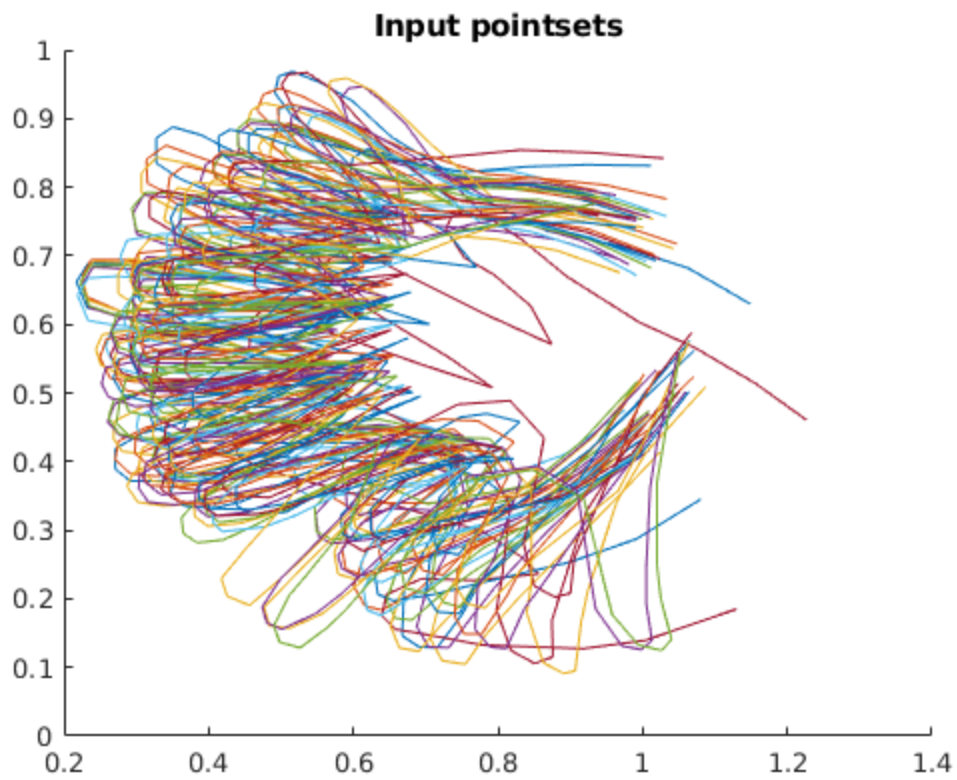
has been modified to create a well-defined polyshape.

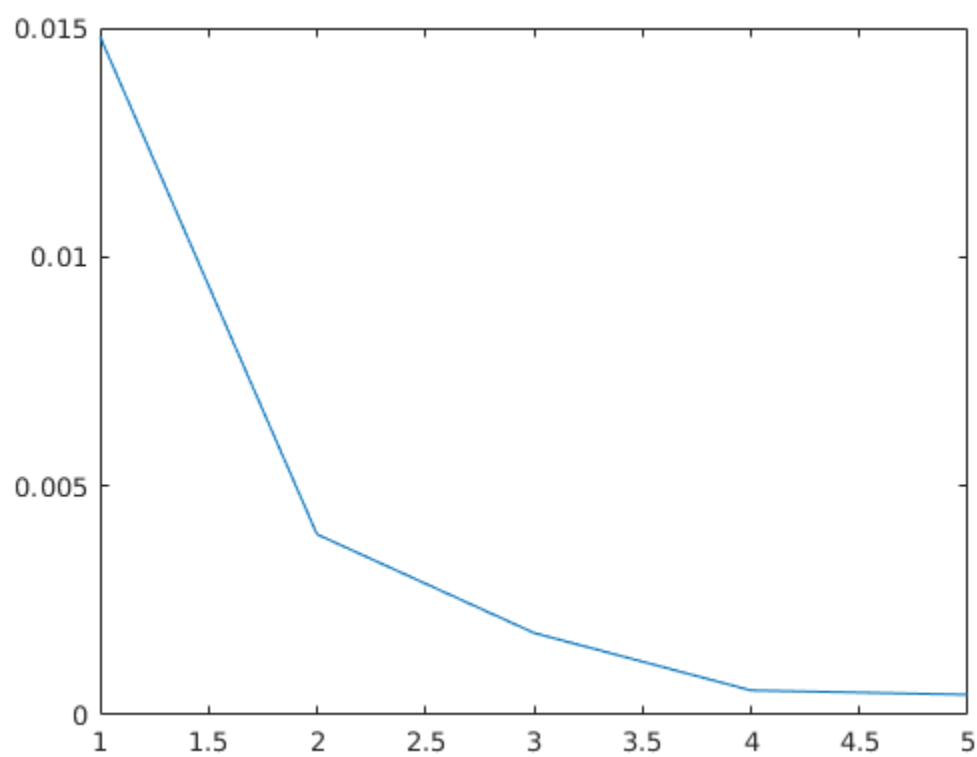
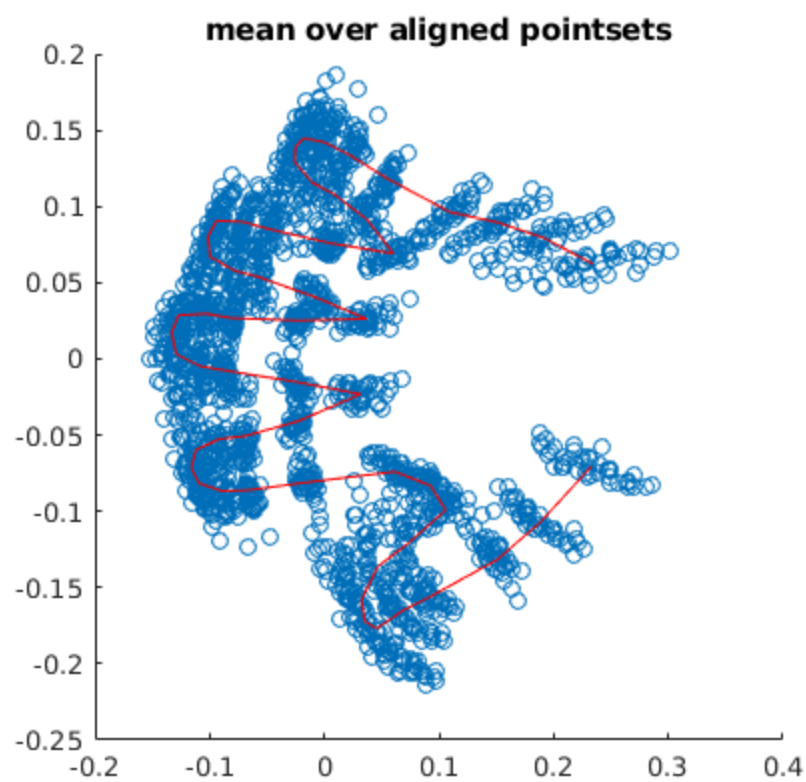
`ans =`

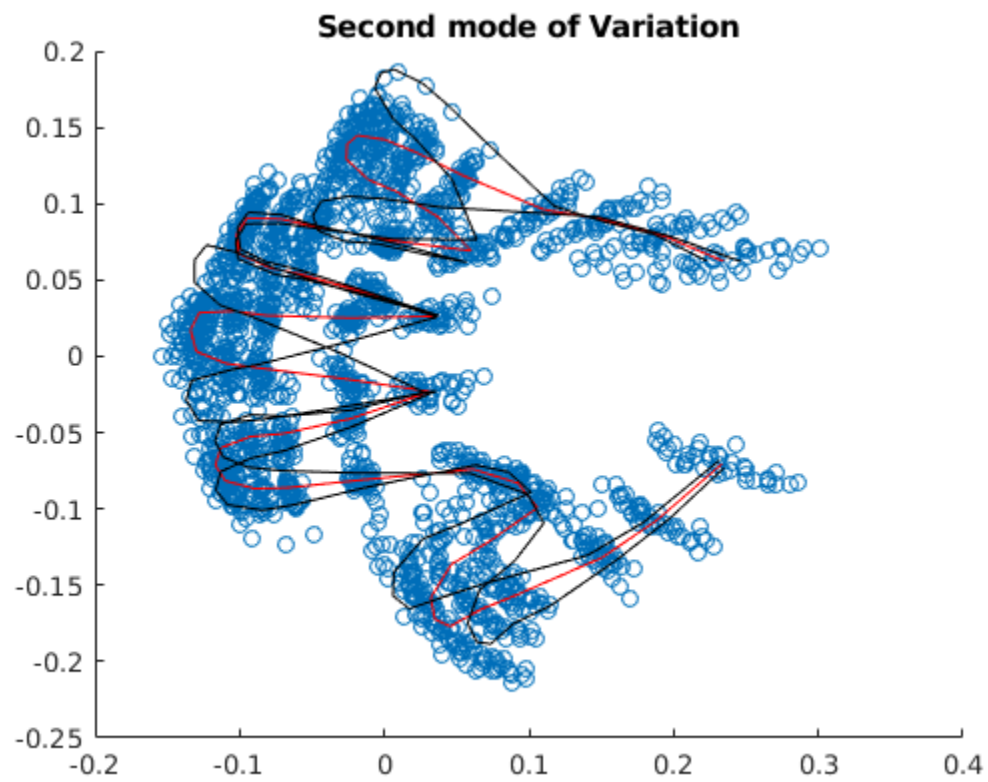
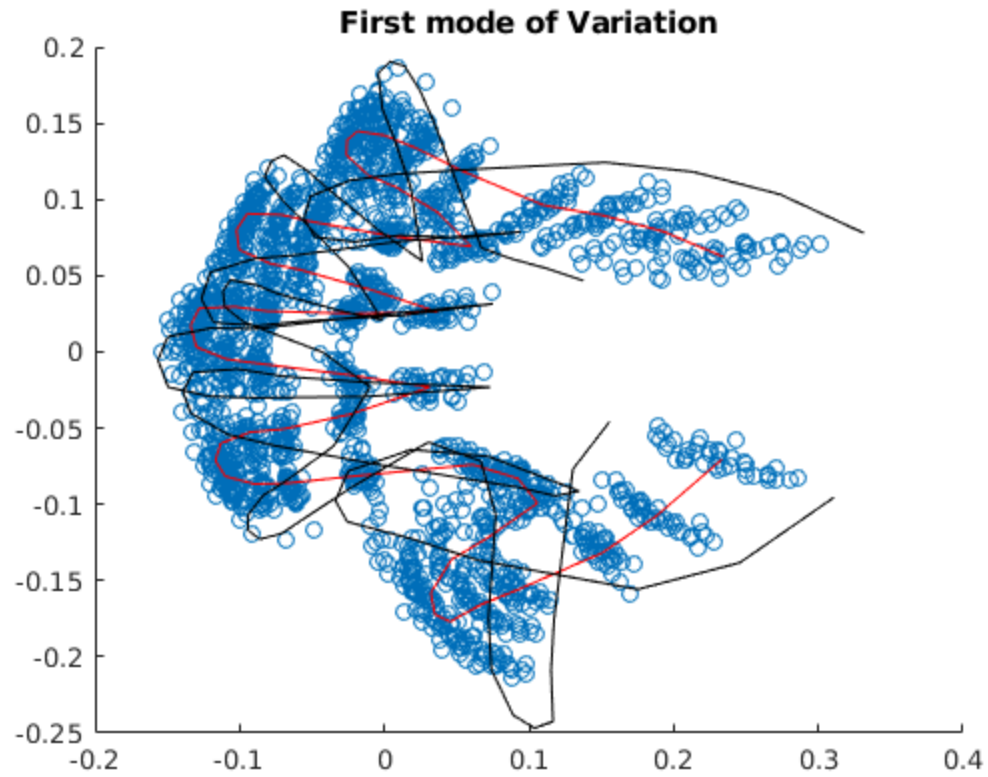
```
0.0148  
0.0039  
0.0018  
0.0005  
0.0004
```

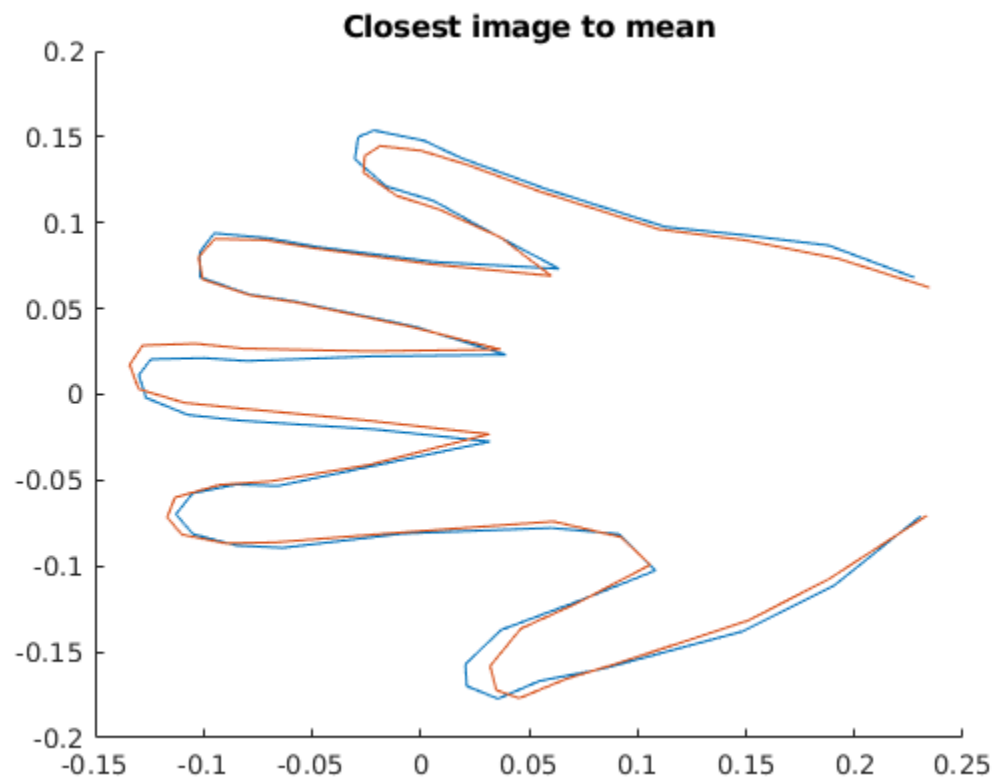
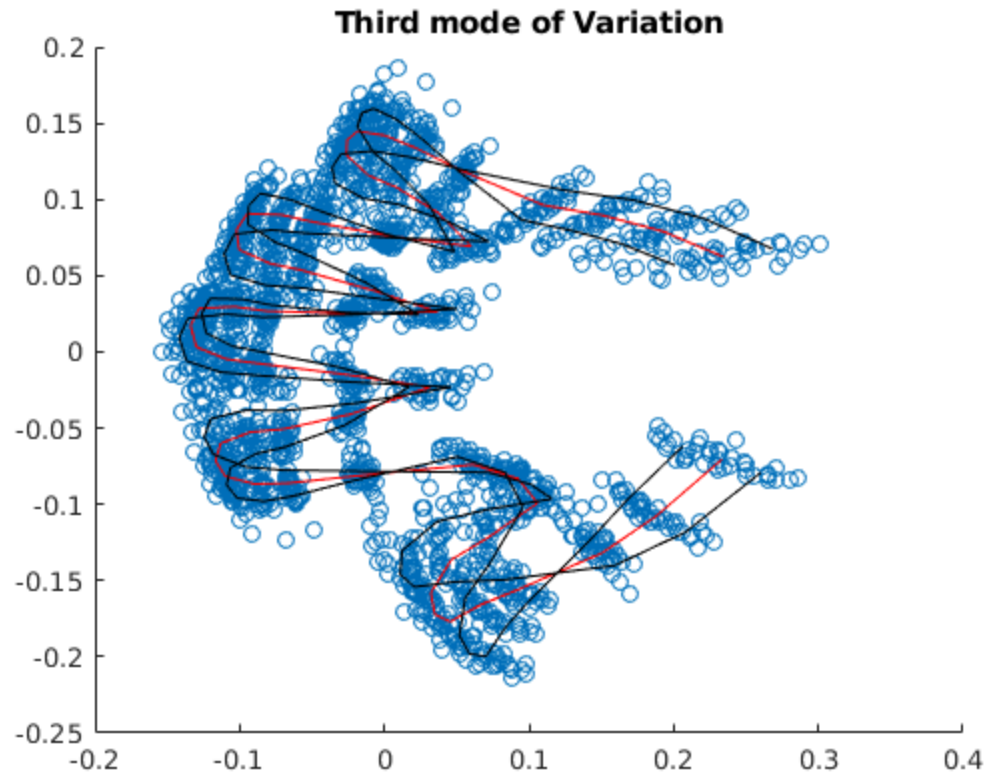
`ans =`

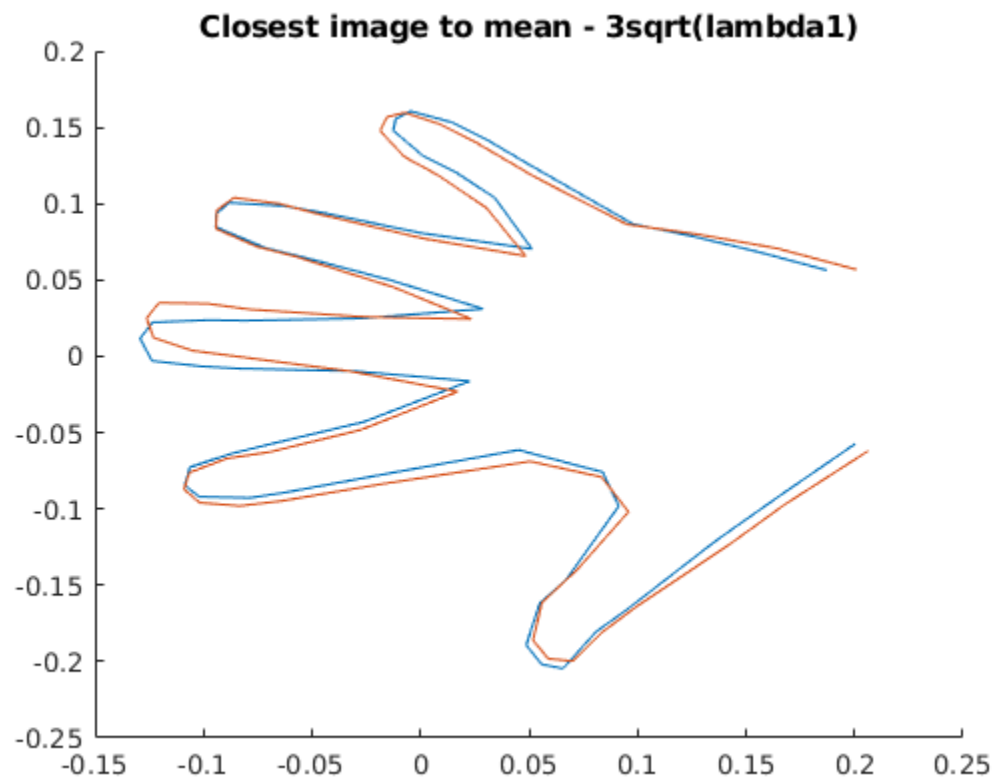
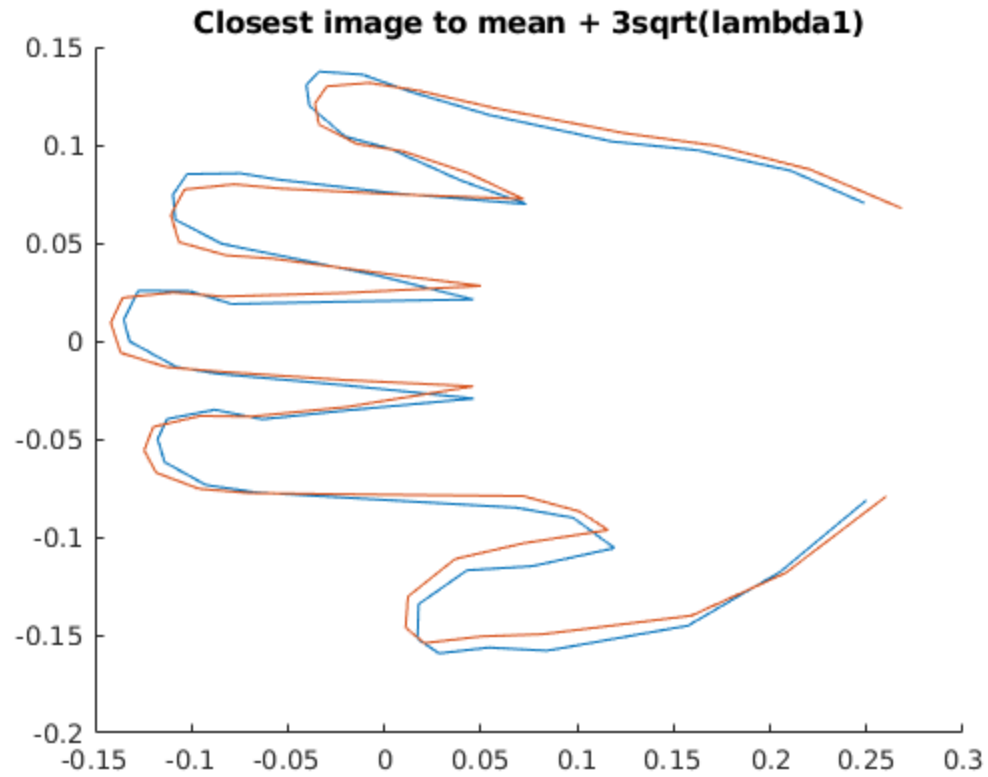
```
112    40
```











Brain Dataset

```
load("../data/brain/data/data/brain_data.mat");
shapes1 = permute(shapes, [2, 1, 3]);
shapes2 = reshape(shapes1, [64, 40]);
helper(shapes2);
```

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Input data

has been modified to create a well-defined polyshape.

Warning: Polyshape has duplicate vertices, intersections, or other inconsistencies that may produce inaccurate or unexpected results.

Input data

has been modified to create a well-defined polyshape.

ans =

*1.0e-03 **

0.9463

0.3600

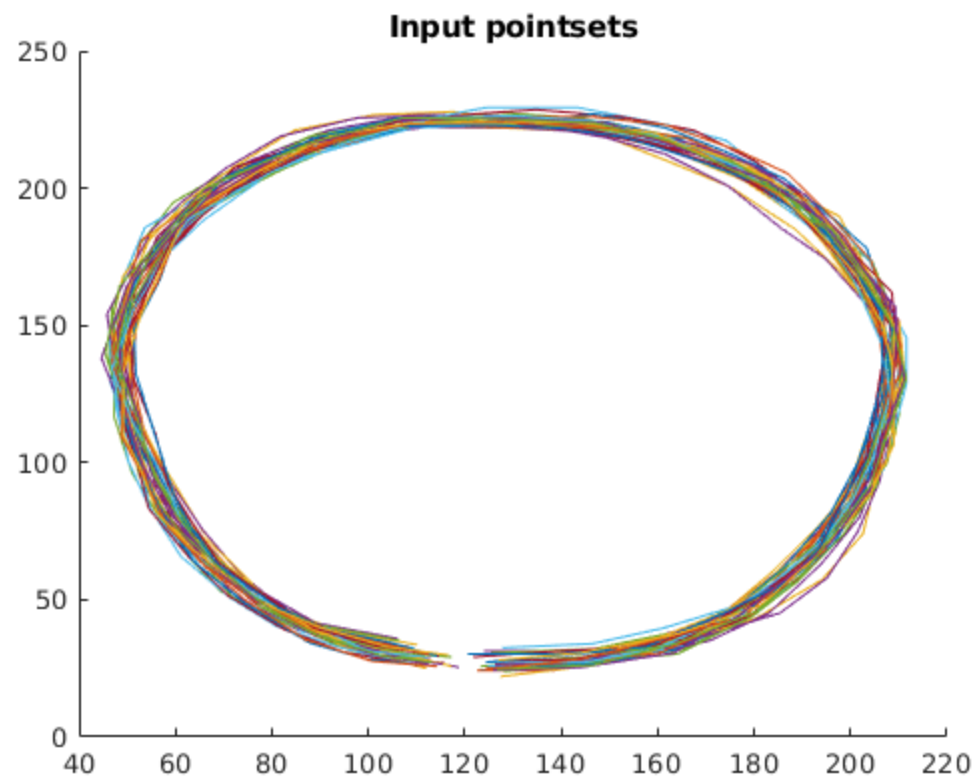
0.2767

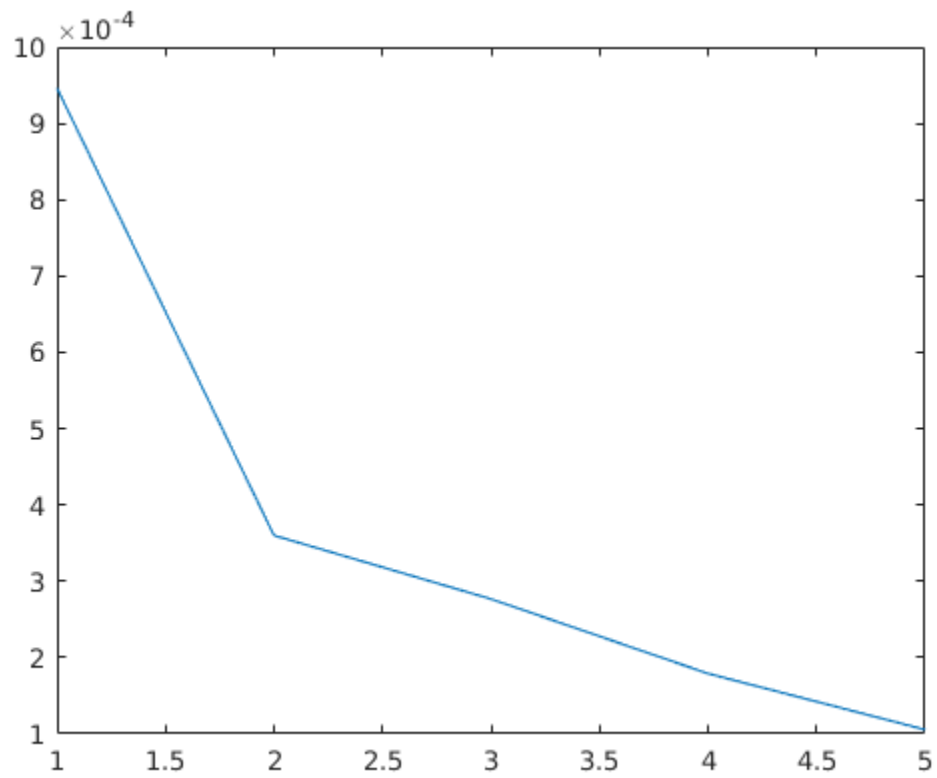
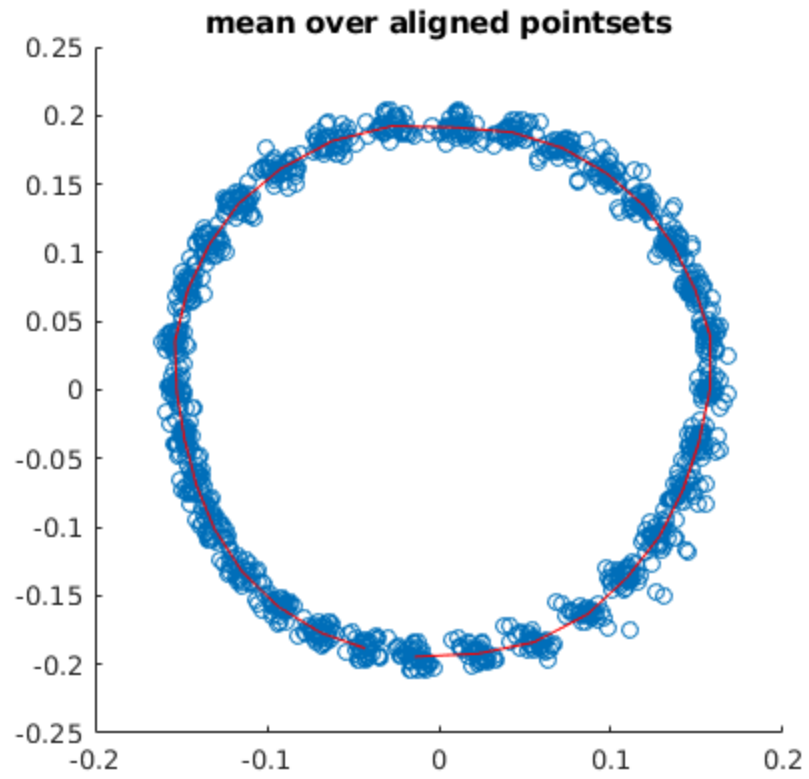
0.1790

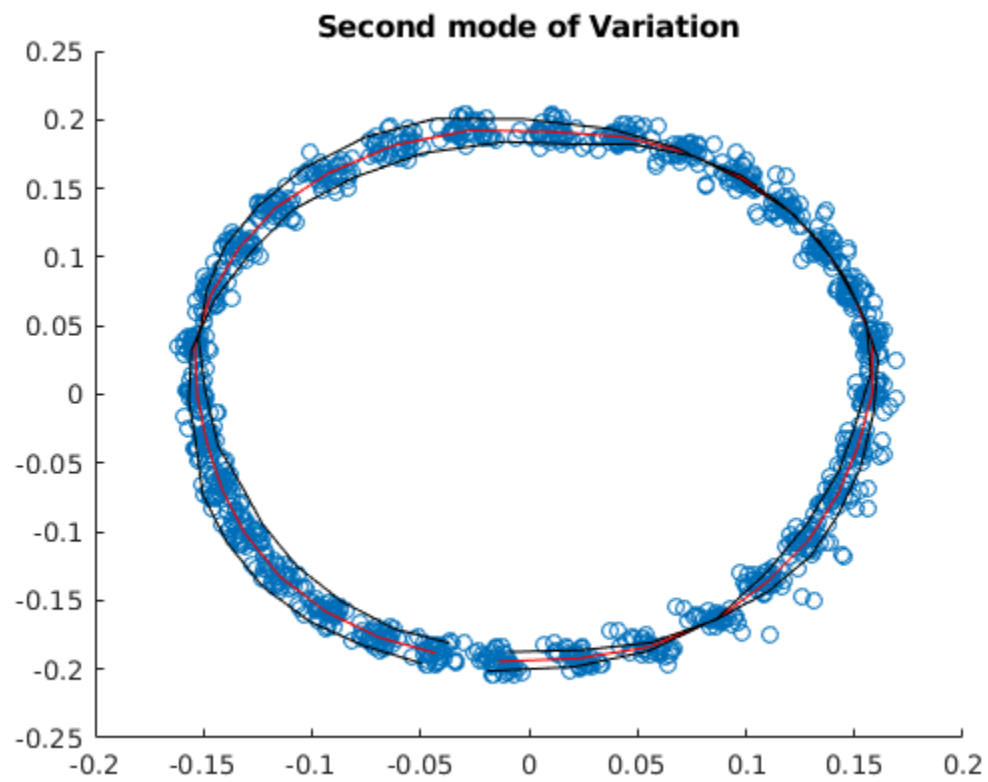
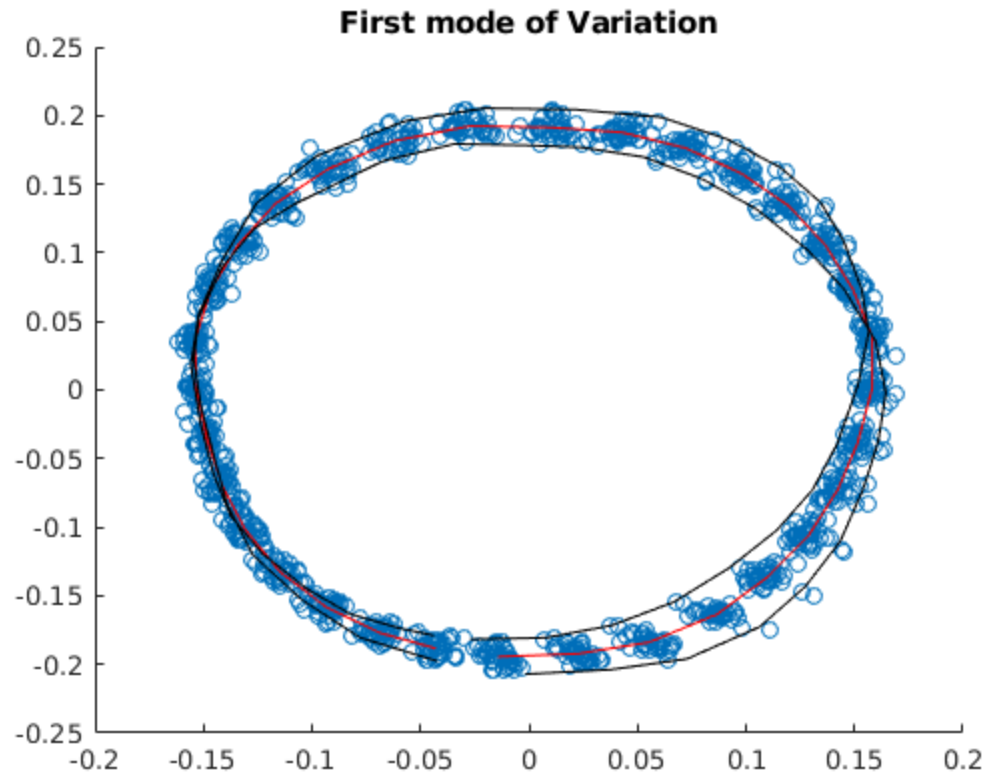
0.1056

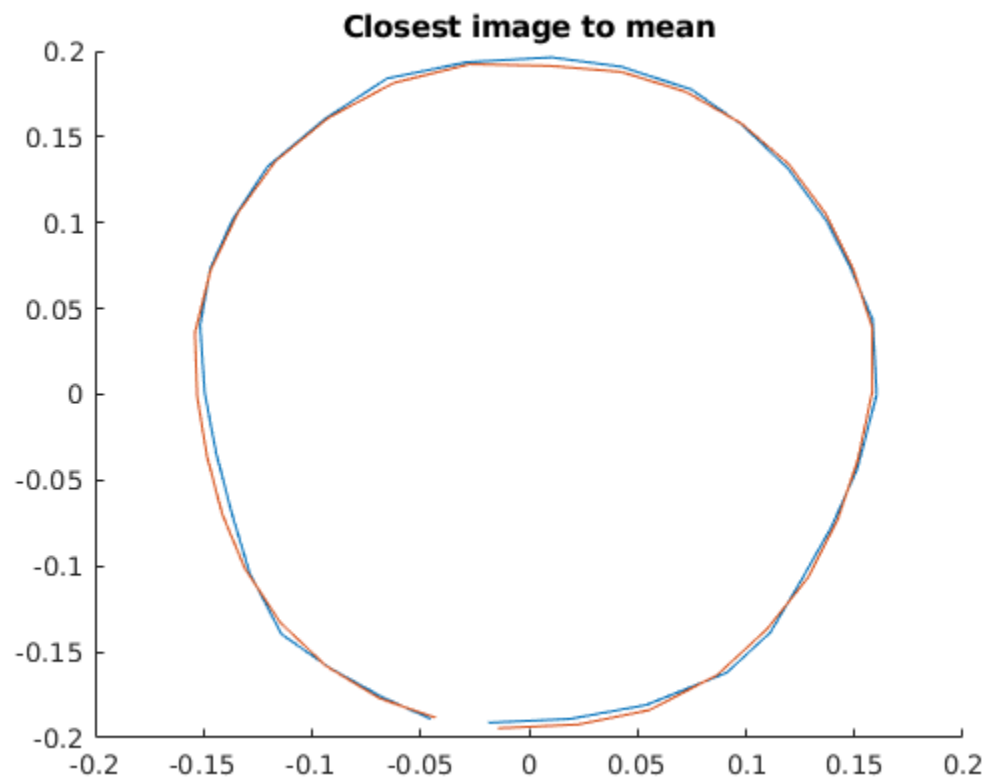
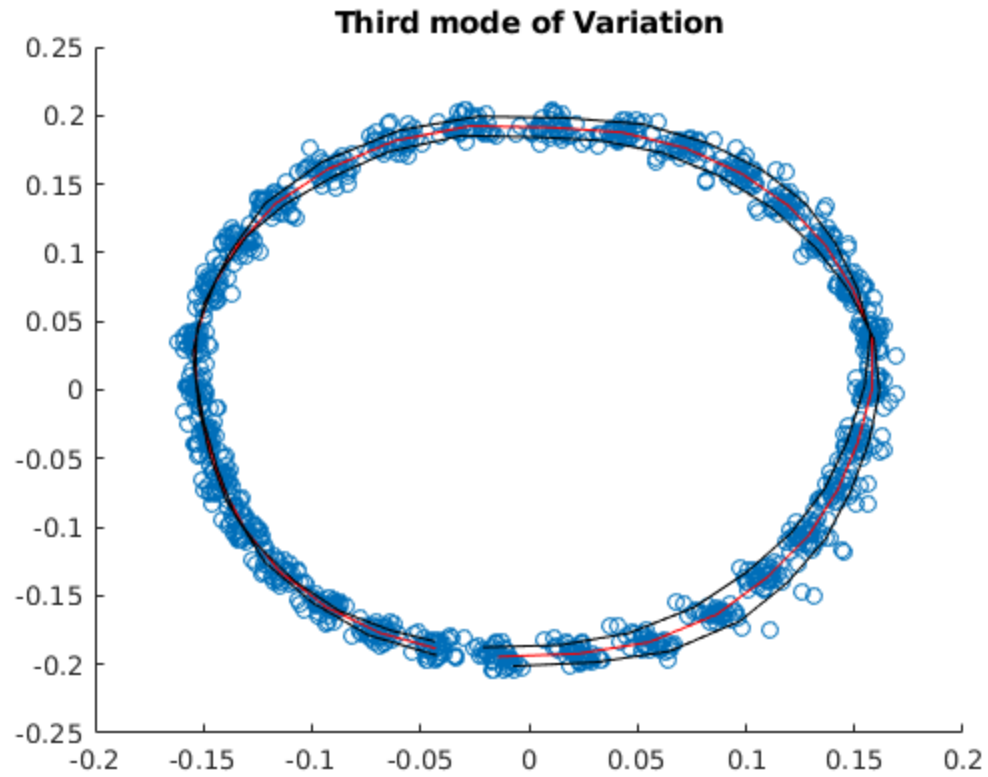
ans =

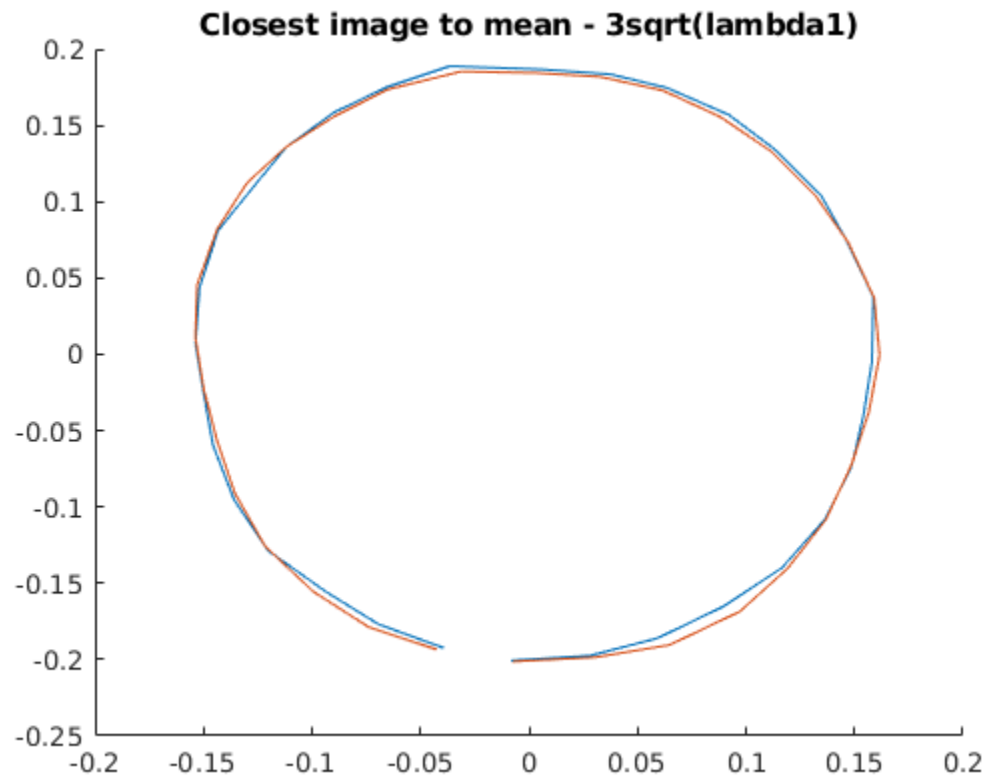
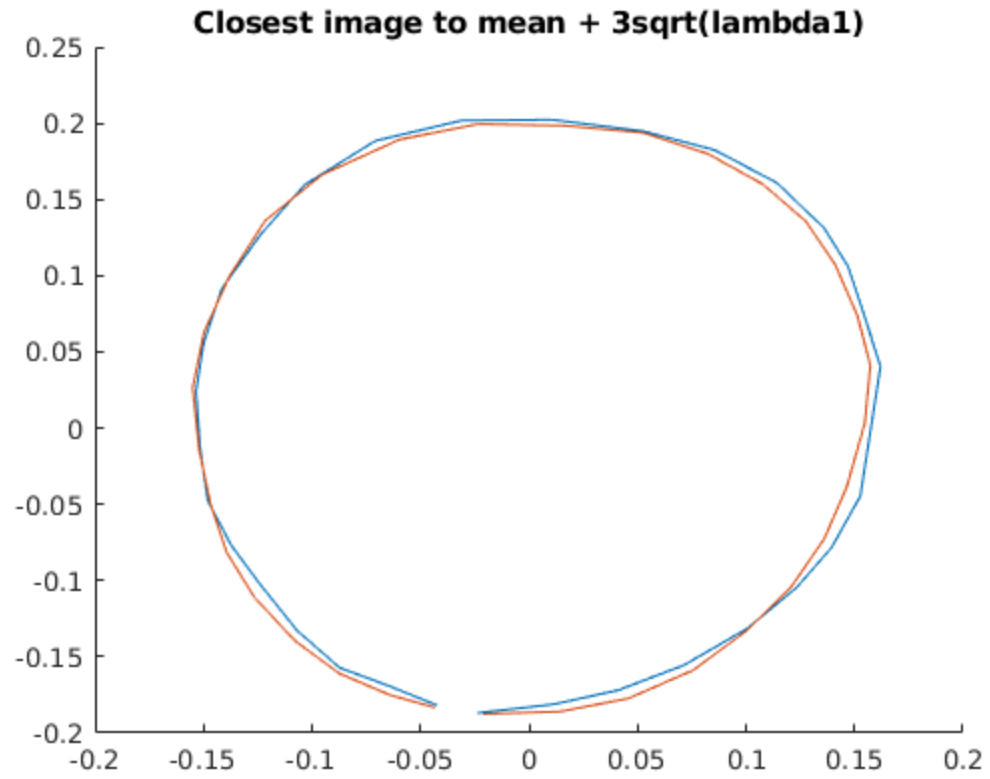
64 40











Leaf Dataset

```
load("../data/leaf/data/leaf_data.mat");
shapes1 = permute(shapes, [2, 1, 3]);
shapes2 = reshape(shapes1, [64, 30]);
helper(shapes2);
```

Warning: Polyshape has duplicate vertices, intersections, or other inconsistencies that may produce inaccurate or unexpected results.

Input data

has been modified to create a well-defined polyshape.

Warning: Polyshape has duplicate vertices, intersections, or other inconsistencies that may produce inaccurate or unexpected results.

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has been modified to create a well-defined polyshape.

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Input data

has been modified to create a well-defined polyshape.

Warning: Polyshape has duplicate vertices, intersections, or other inconsistencies that may produce inaccurate or unexpected results.

Input data

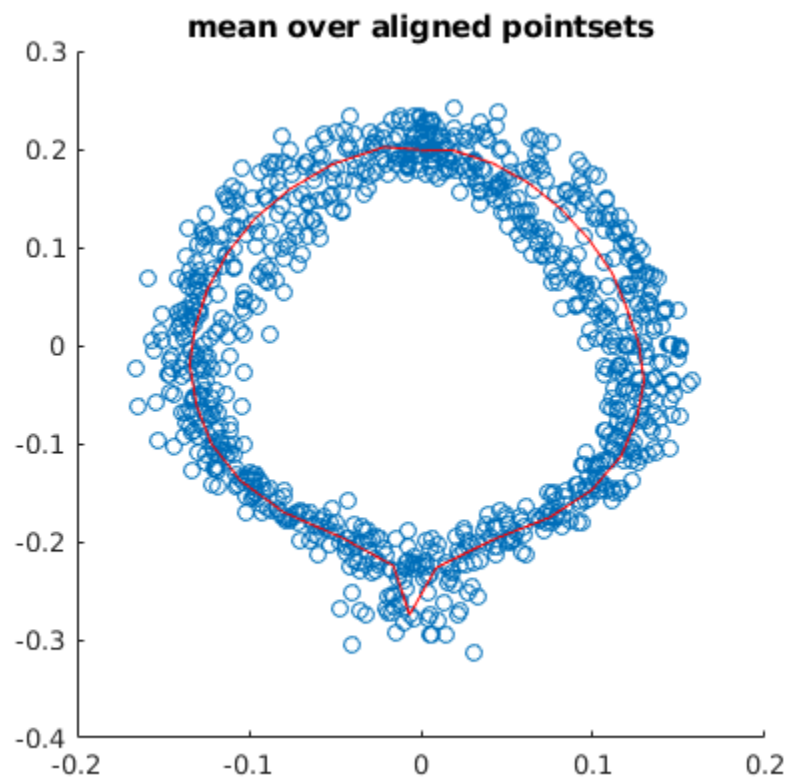
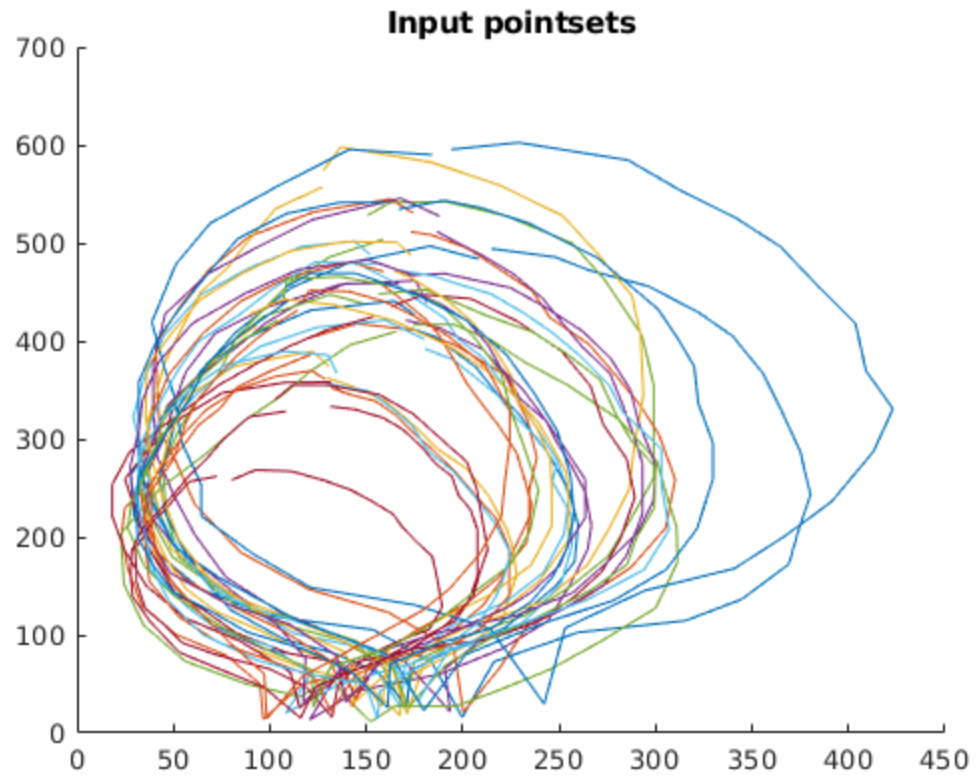
has been modified to create a well-defined polyshape.

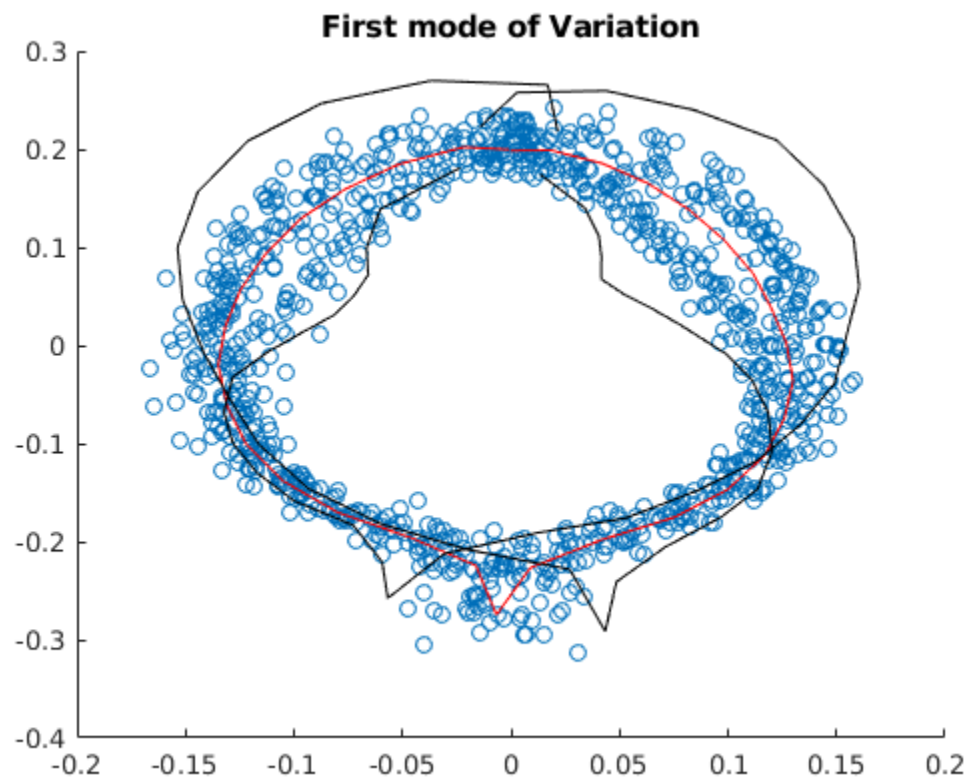
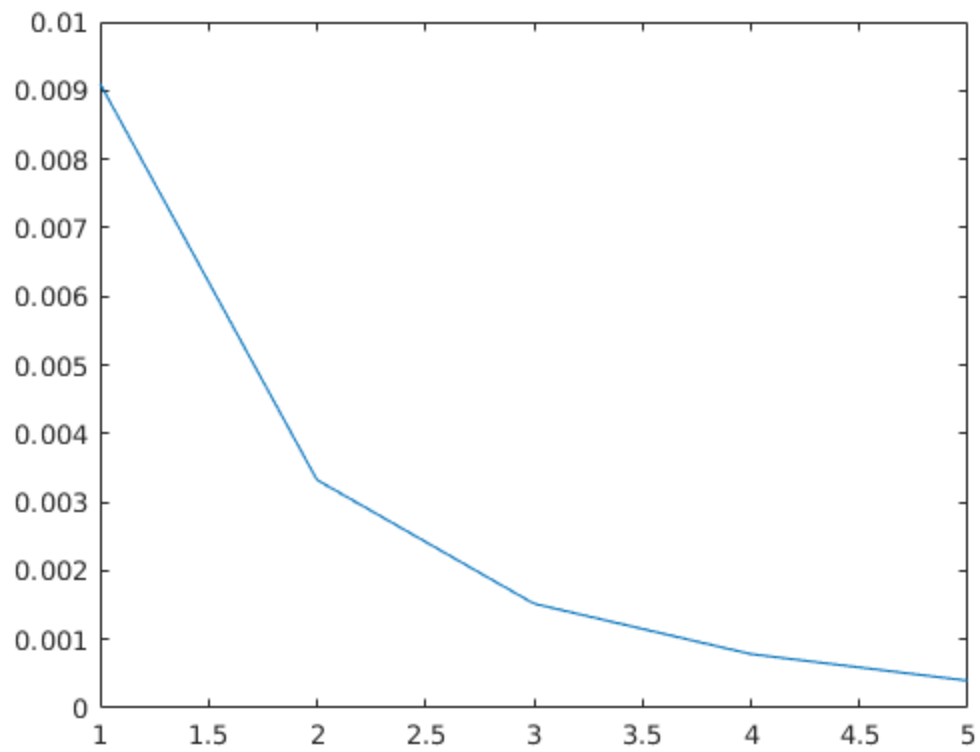
ans =

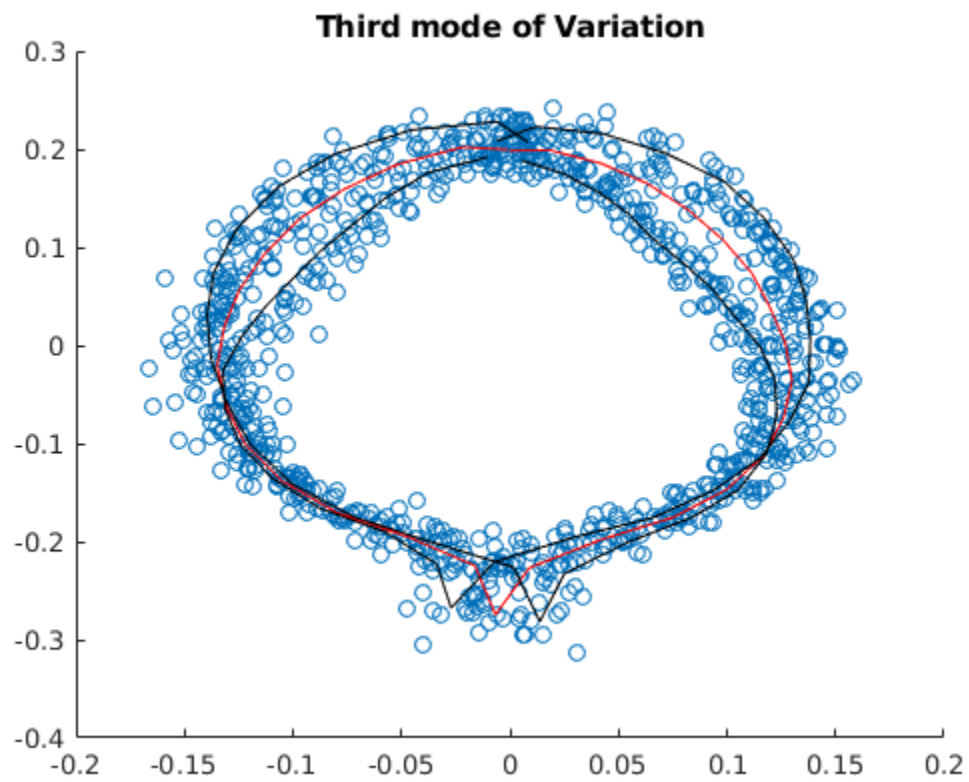
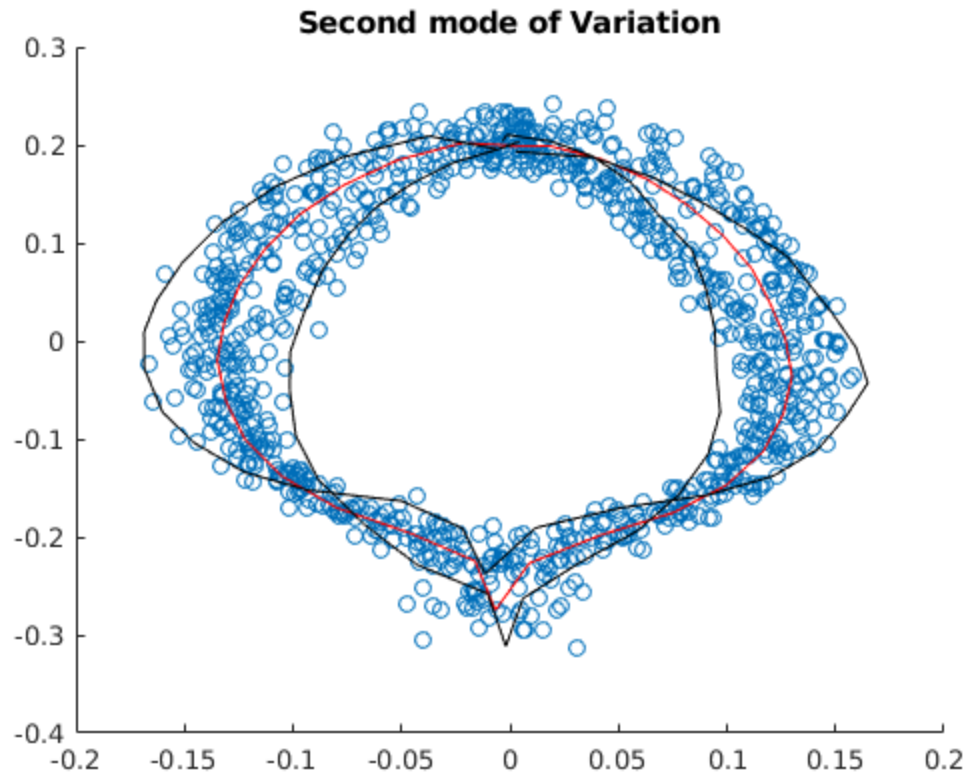
```
0.0091
0.0033
0.0015
0.0008
0.0004
```

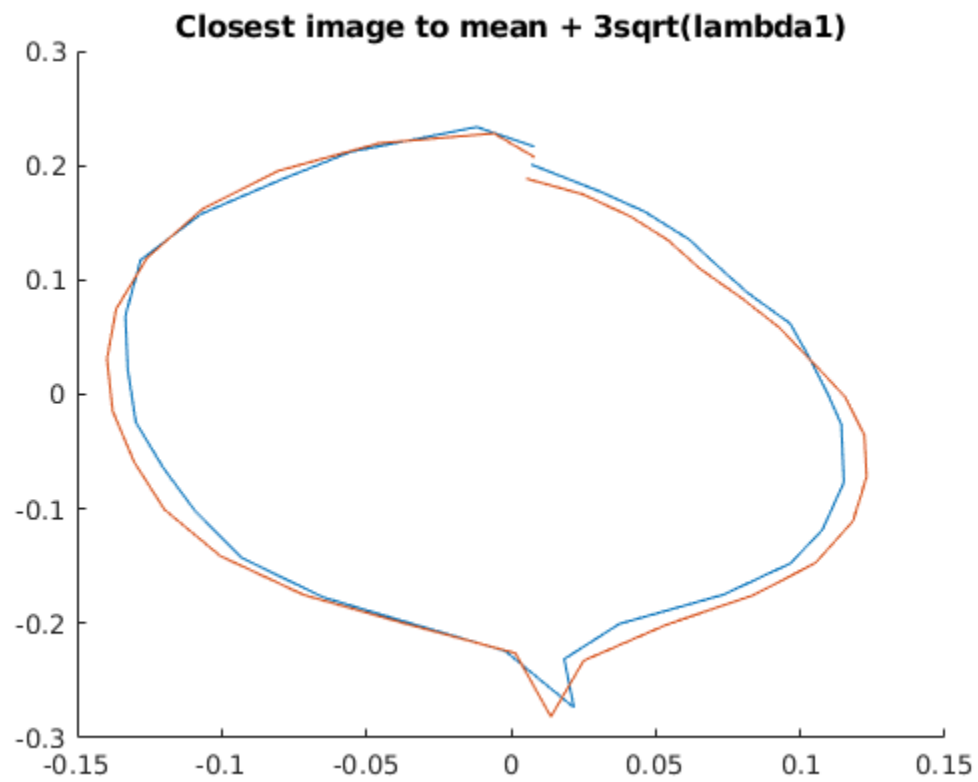
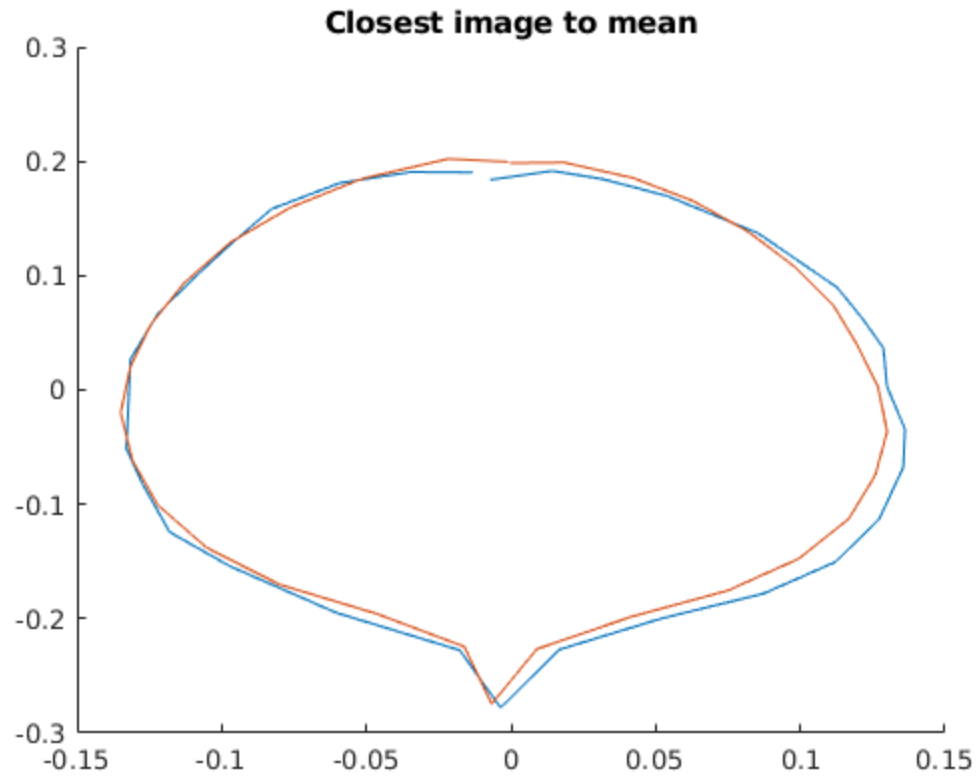
ans =

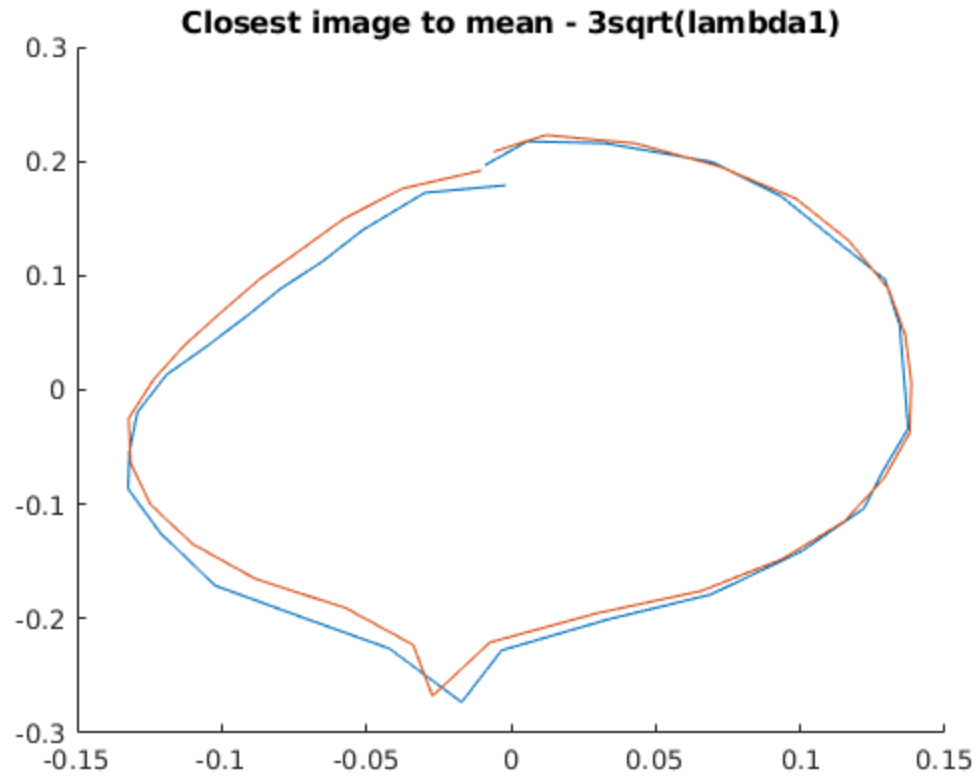
```
64    30
```











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