(1):3d_sphere:

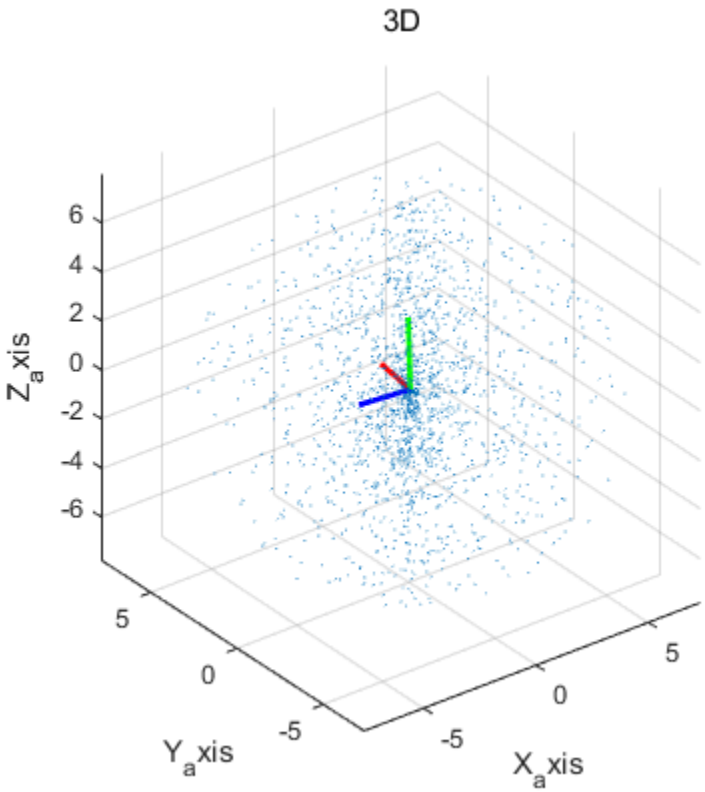
The Eigenvalue of of 3d_sphere is

$$\lambda_1 = 5.2310; \lambda_2 = 5.3922; \lambda_3 = 10.6300;$$

The Eigenvector of of 3d_sphere is
v1=[-0.9897
0.1412
-0.0221]

v2=[0.1414
0.9899
-0.0113]

v3=[-0.0203
0.0144
0.9997]



(2):teapot :

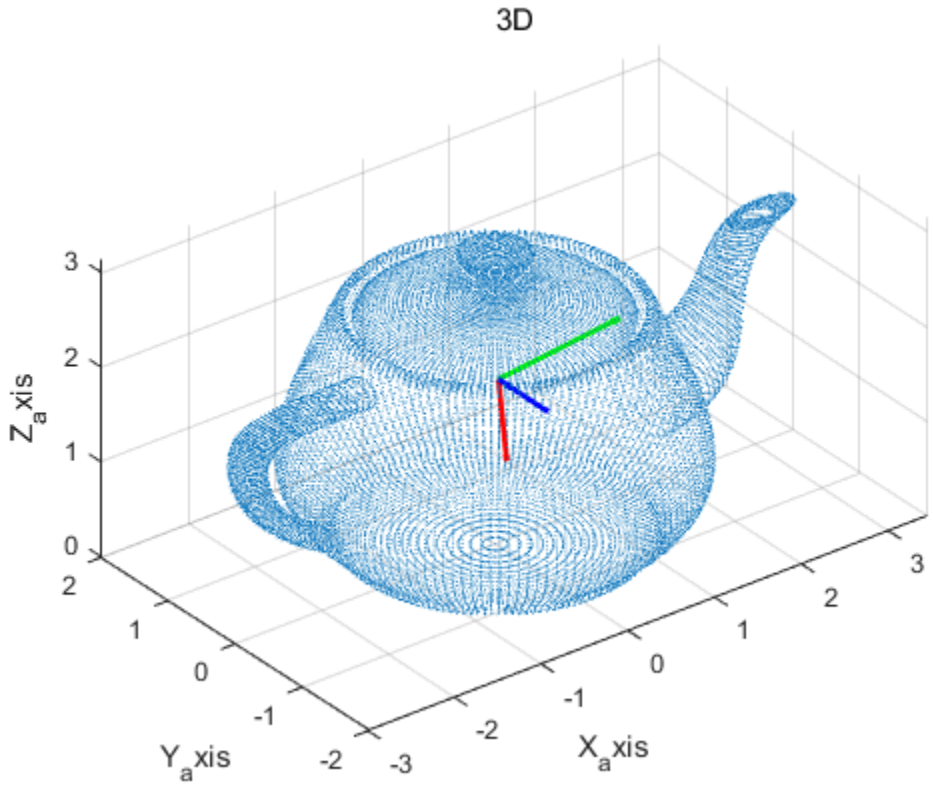
The Eigenvalue of of 3d_sphere is

$$\lambda_1 = 0.6773\,; \lambda_2 = 0.9946; \lambda_3 = 2.4544;$$

The Eigenvector of of 3d_sphere is
v1=[-0.0000
-1.0000
0.0000]

v2=[0.1080
-0.0000
-0.9942]

v3=[0.9942
-0.0000
0.1080]



(2):bun_zipper :

The Eigenvalue of of 3d_sphere is

$$\lambda_1 = 0.0007\,; \lambda_2 = 0.0012; \lambda_3 = 0.0023;$$

The Eigenvector of of 3d_sphere is
v1=[0.1478
0.3232
0.9347]

v2=[0.7247
0.6078
-0.3247]

v3=[-0.6730
0.7254
-0.1444]