

>> Assign1_Q5

Question 5 output:

Test case 1: Simple points, (0 0 2), (2 0 0), (0 2 0), (0 0 -2)

Predicted Center: (0, 0, 0)

Predicted Radius: 2

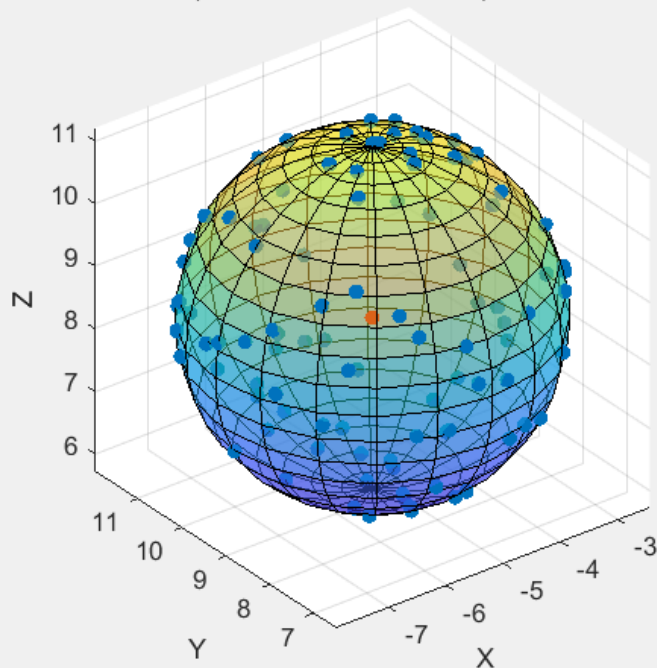
Test case 2: Points around a random Sphere

Predicted Center: (-5.1924, 9.2255, 8.471)

Predicted Radius: 2.7425

Sphere Fit with Predicted Center: (-5.1924, 9.2255, 8.471) and Radius: 2.7425

Actual Center: (-5.1924, 9.2255, 8.471) and Radius: 2.7425



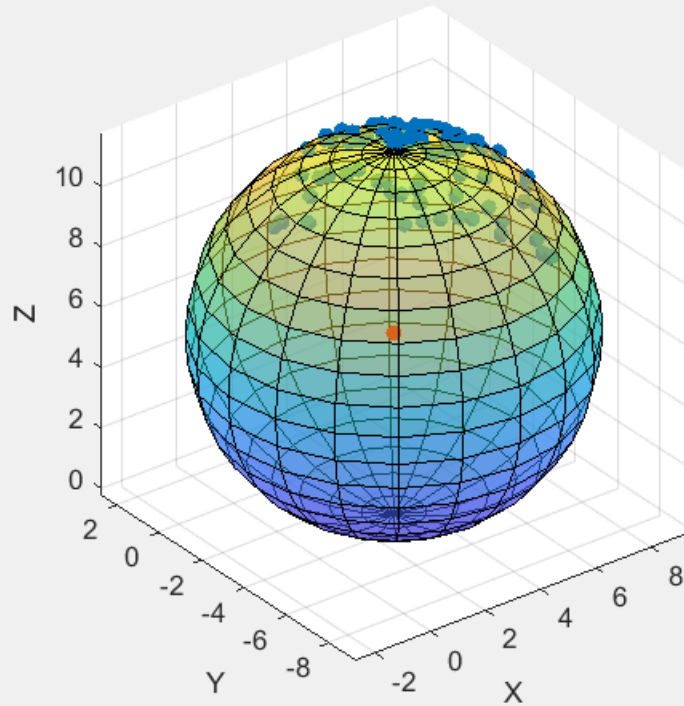
Test case 3: Points around a random Sphere with limited range

Predicted Center: (3.274, -3.2774, 5.7883)

Predicted Radius: 6.0072

Sphere Fit with Predicted Center: (3.274, -3.2774, 5.7883) and Radius: 6.0072

Actual Center: (3.274, -3.2774, 5.7883) and Radius: 6.0072



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