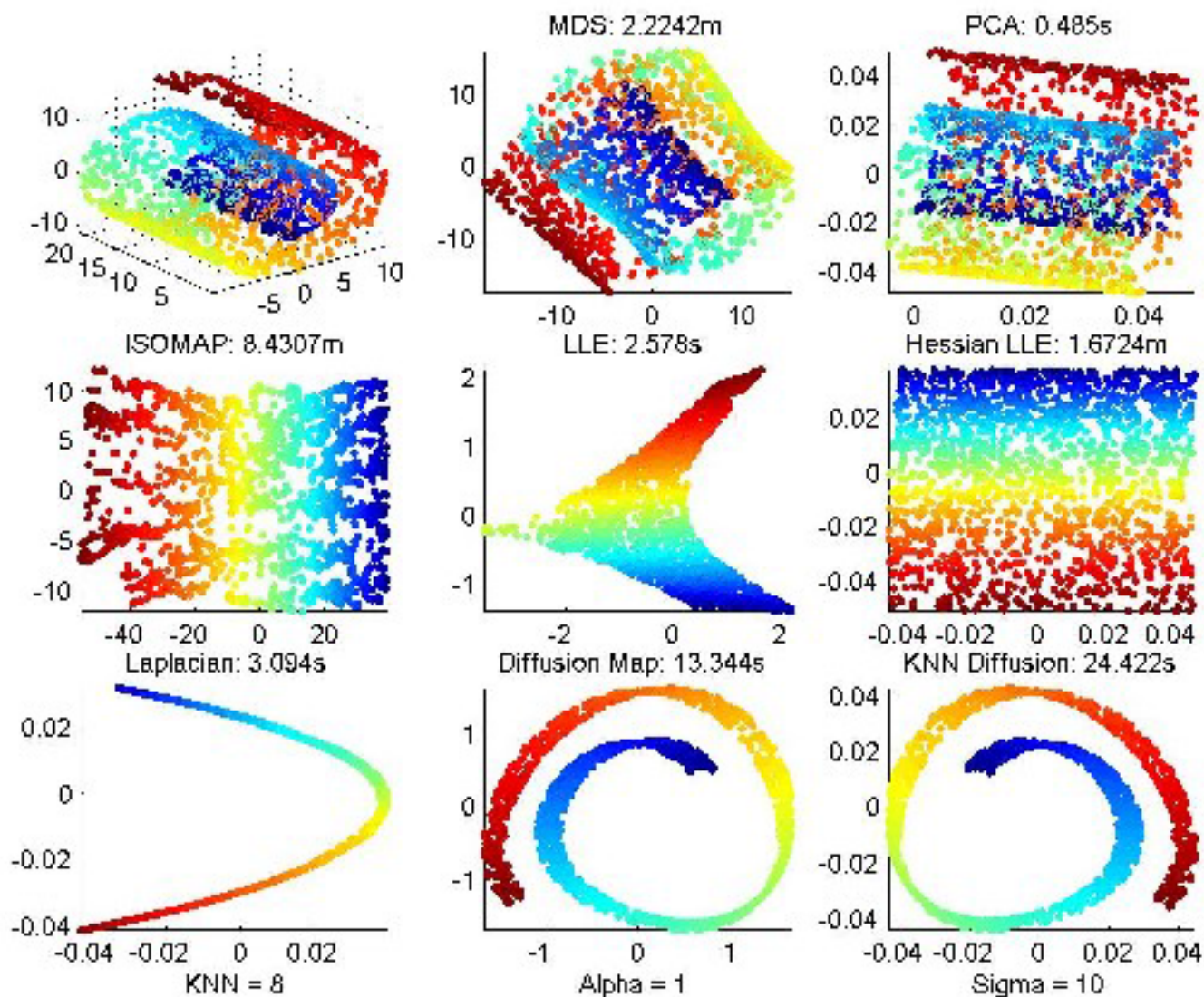
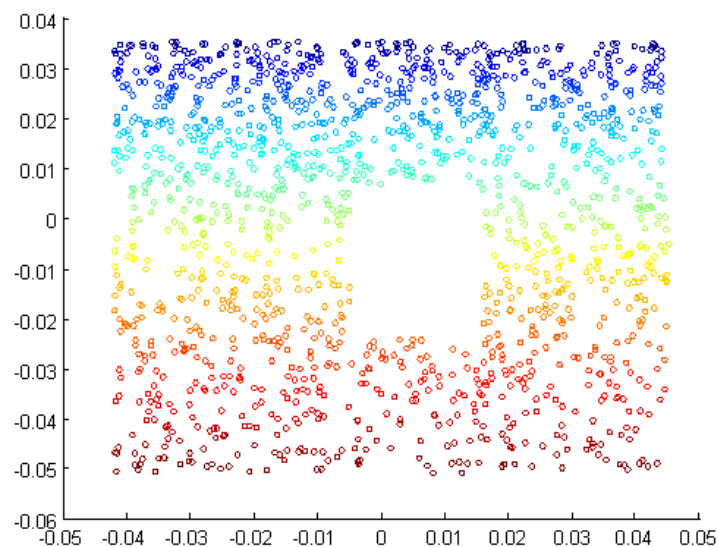
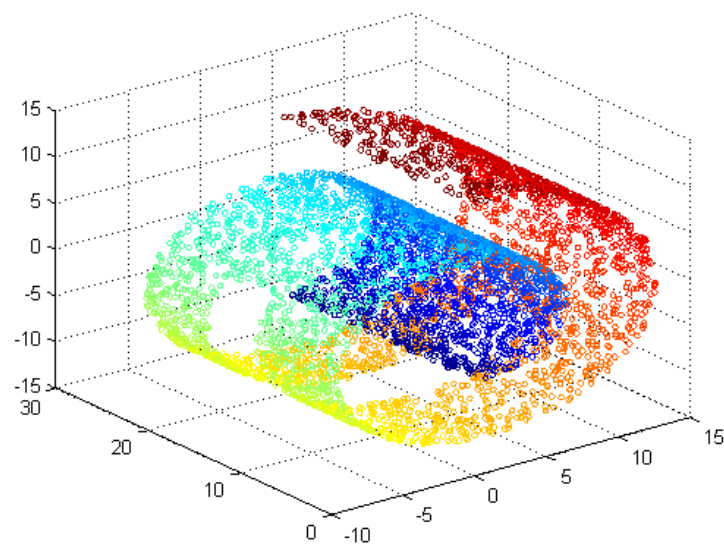


# Nonlinear Dimensionality Reduction: Appendix

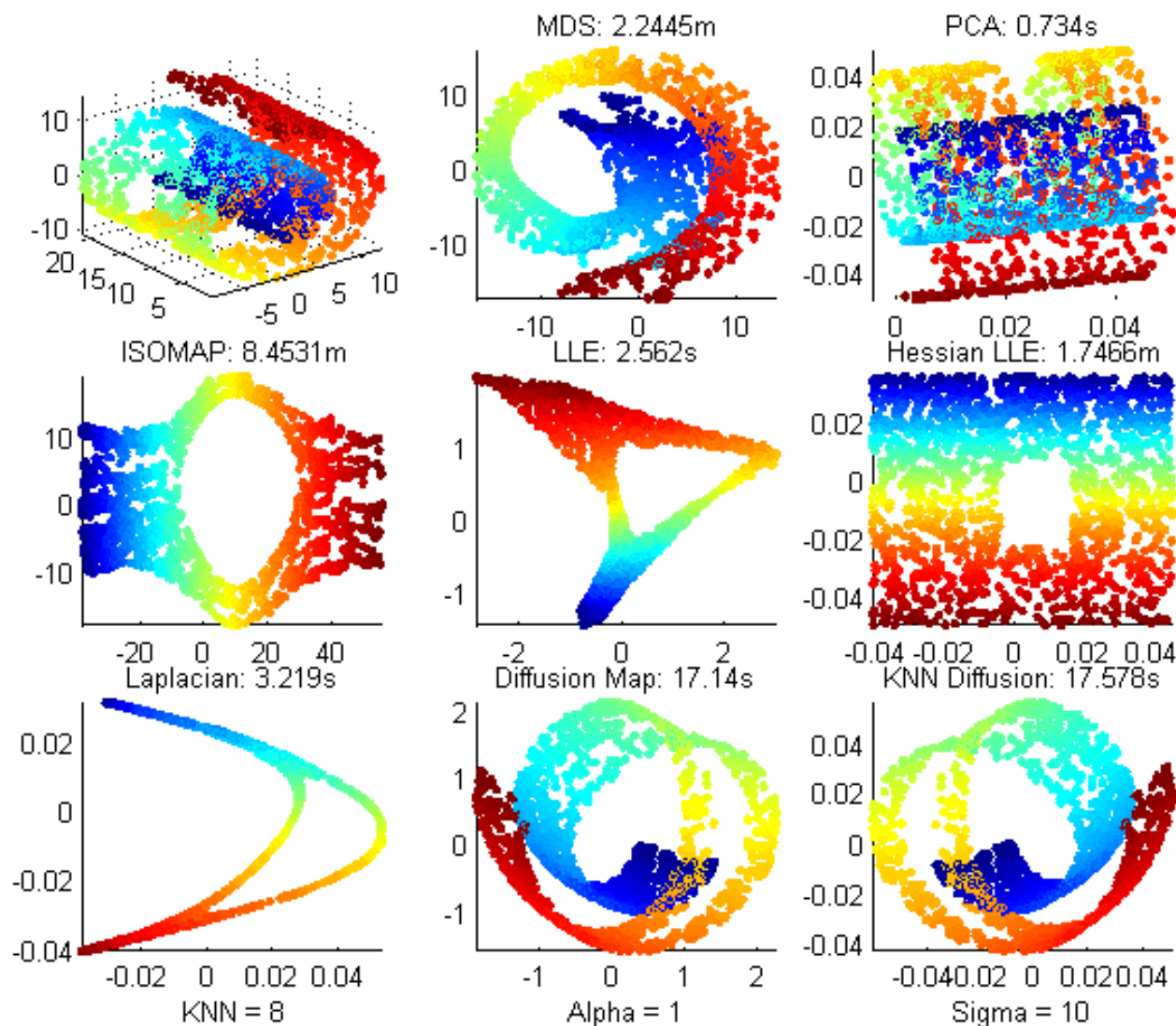
# Swiss roll



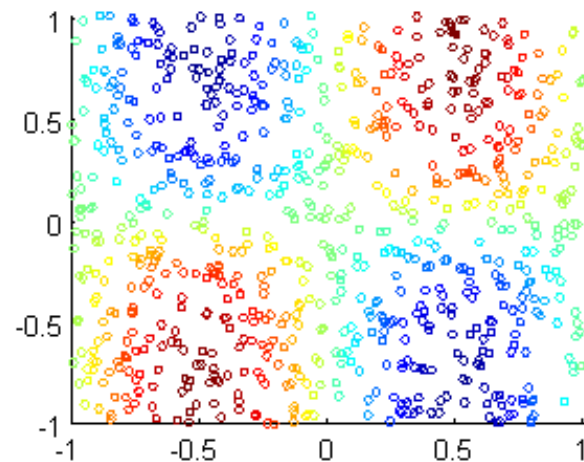
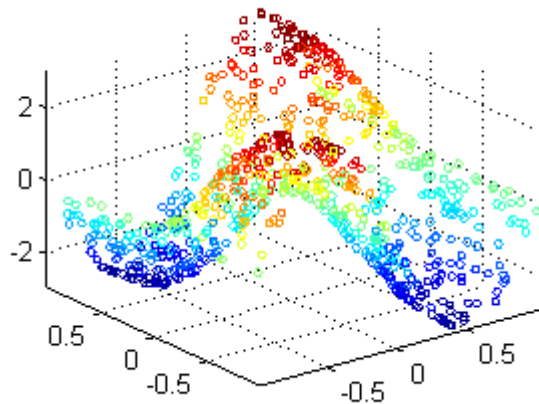
# Swiss roll with a hole



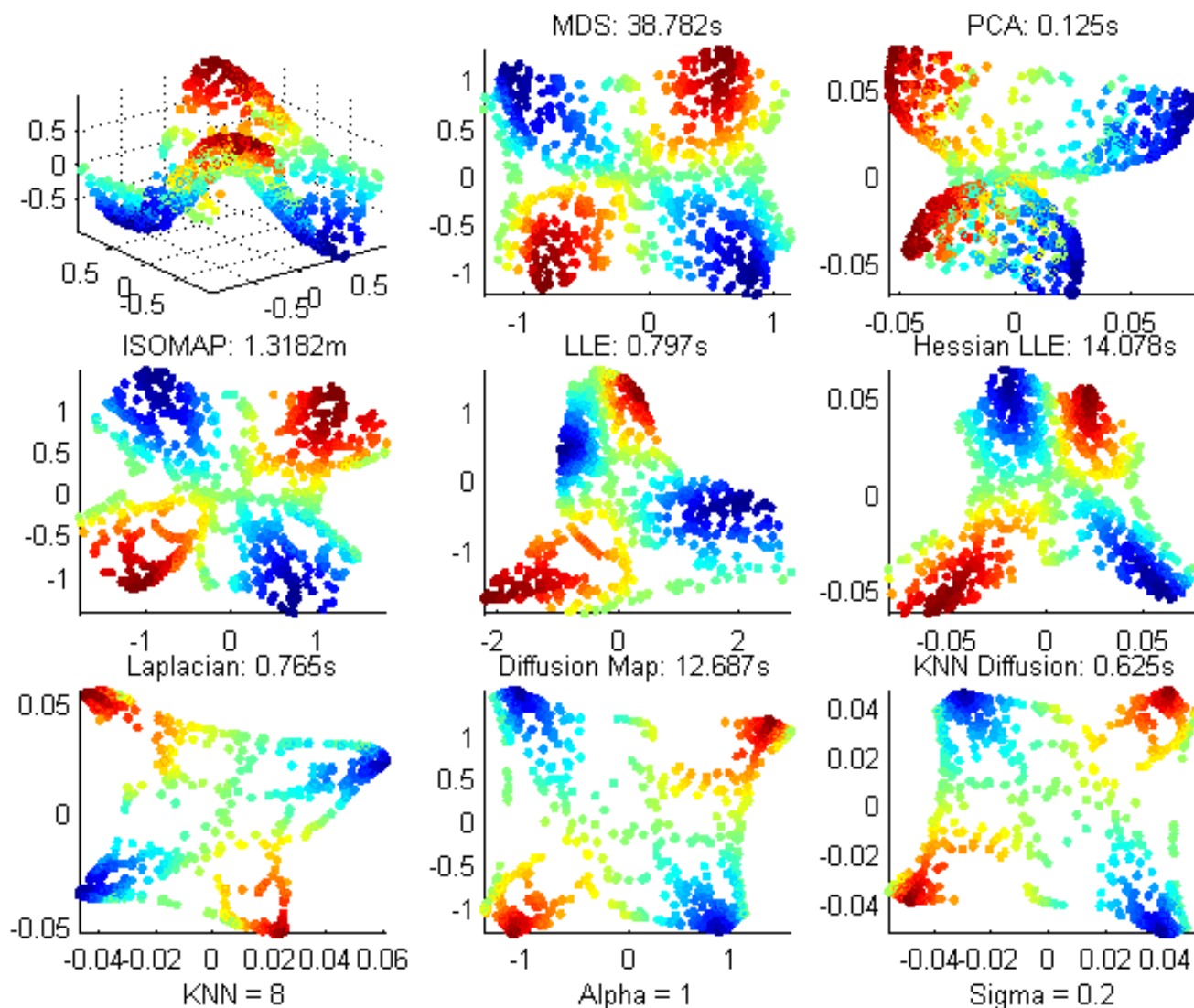
# Swiss roll with a hole



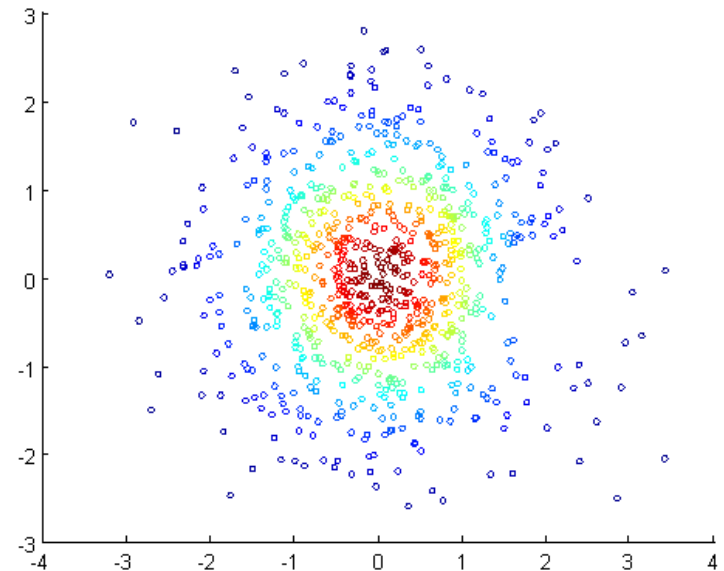
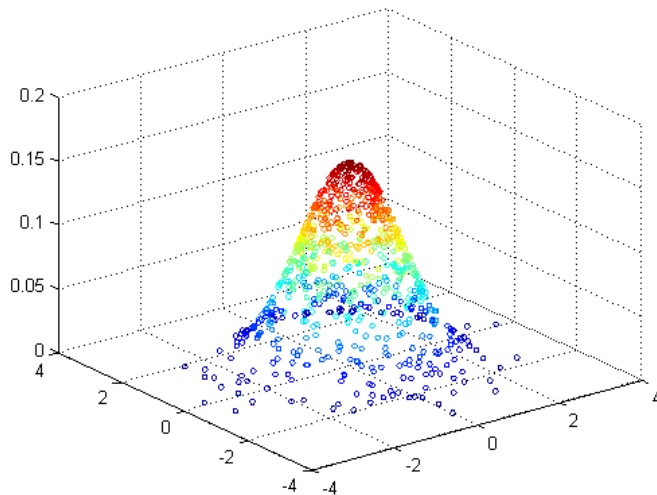
# Twin Peaks



# Twin Peaks

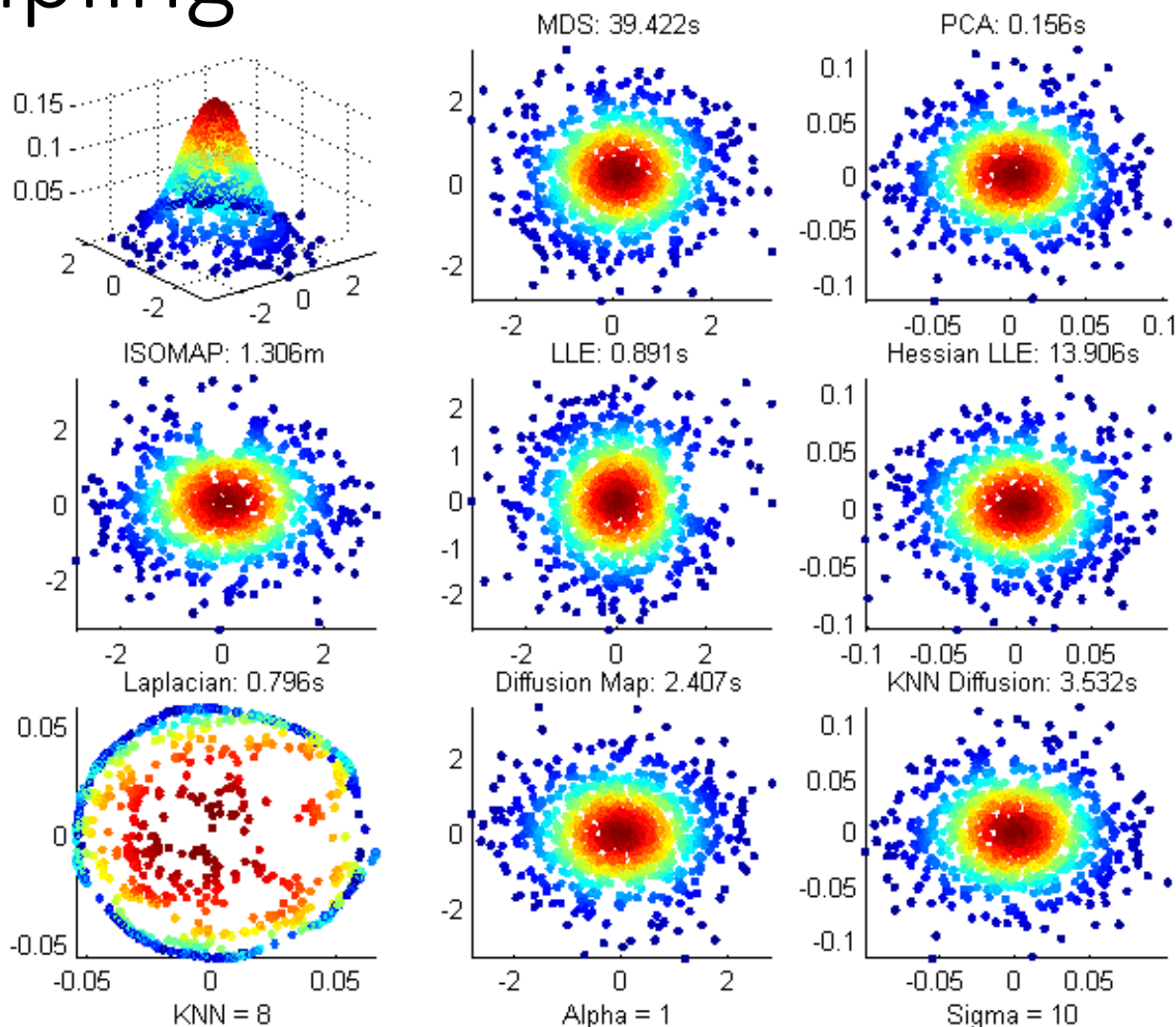


# Curvature & Non-uniform Sampling



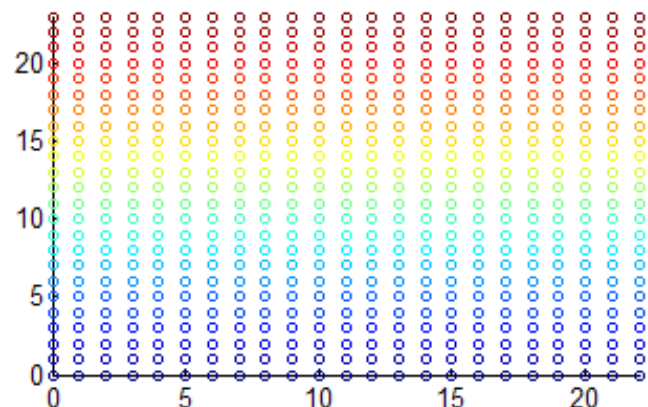
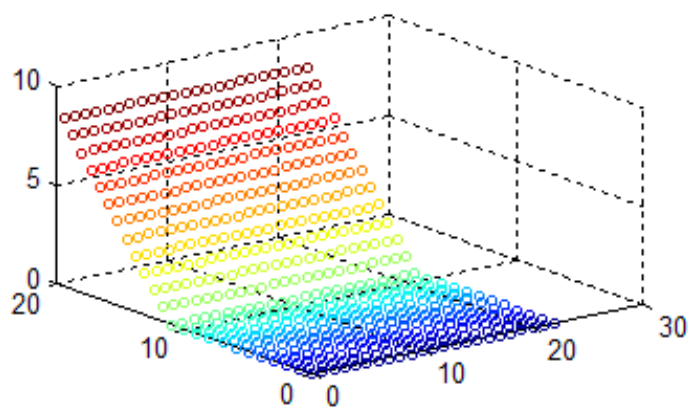


# Curvature & Non-uniform Sampling

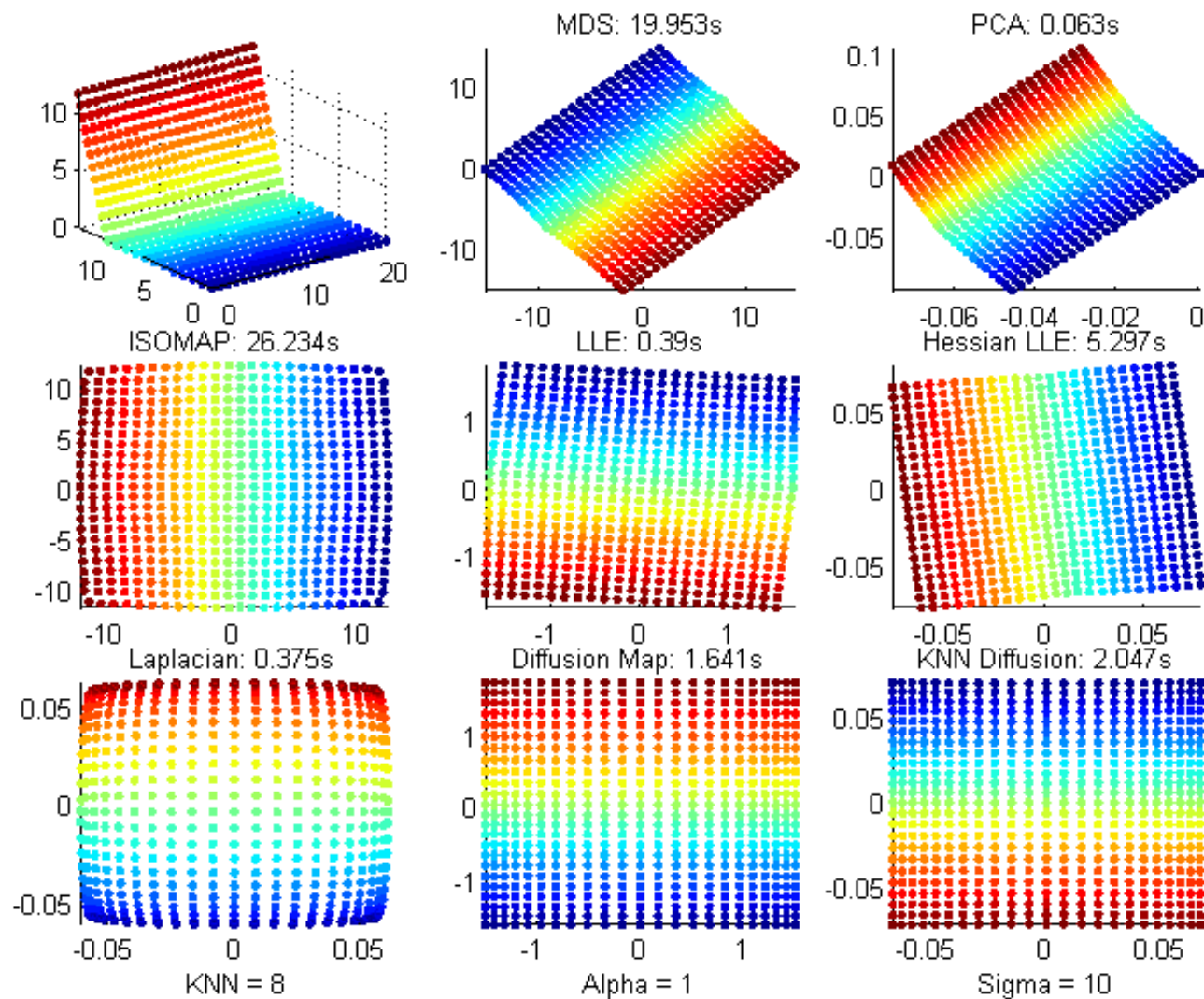




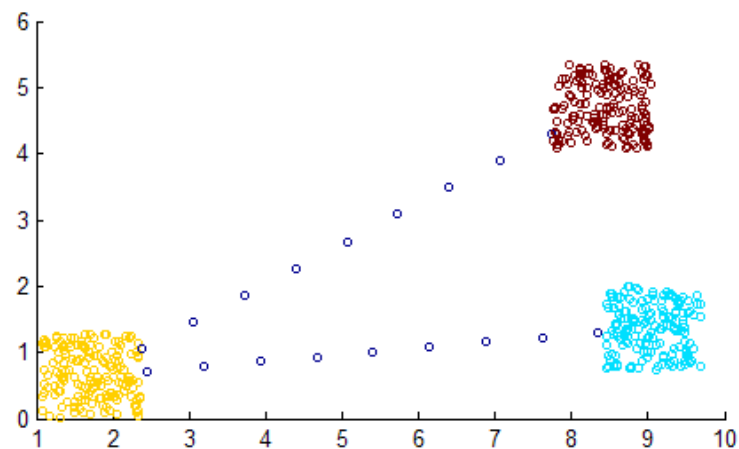
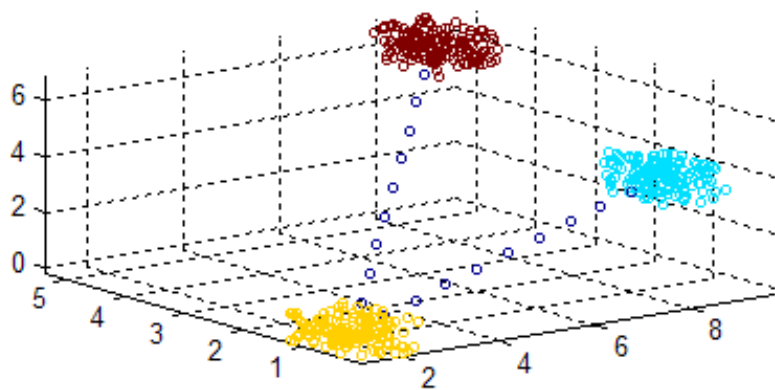
# Corner Planes



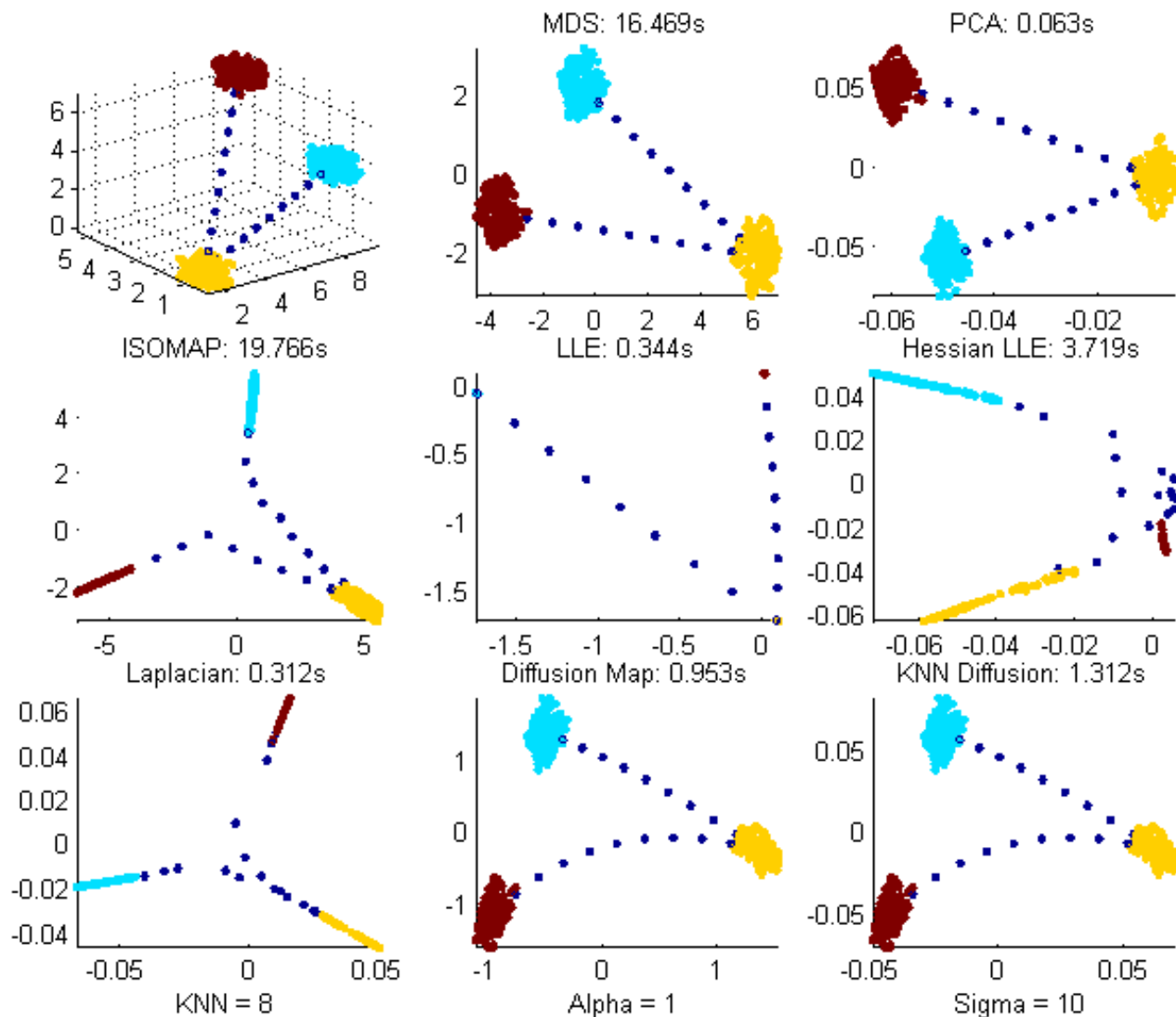
# Corner Planes



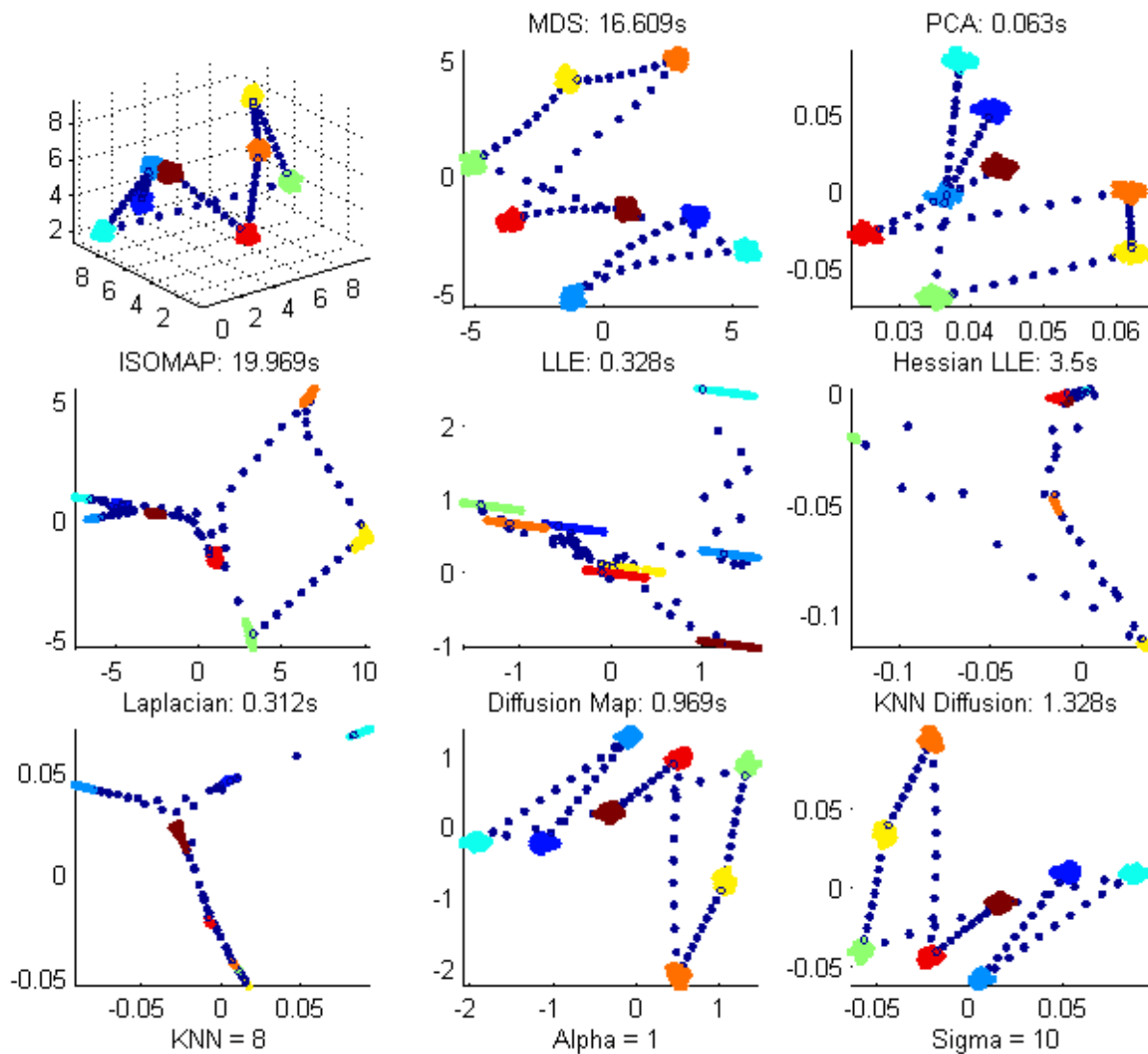
# Clusters (connected)



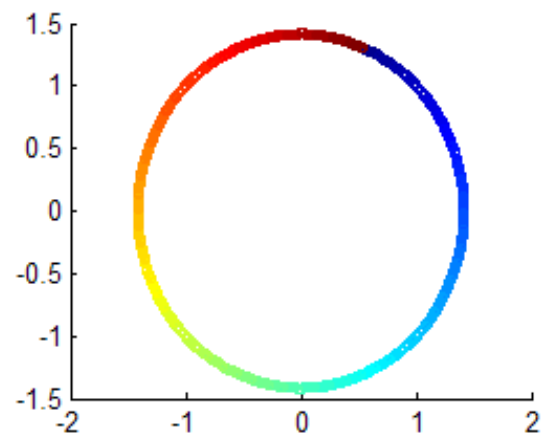
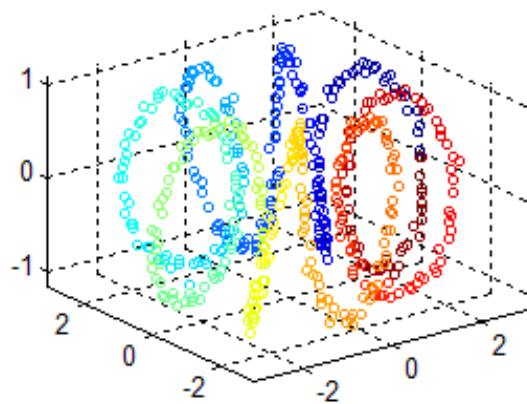
# 3 clusters (connected)



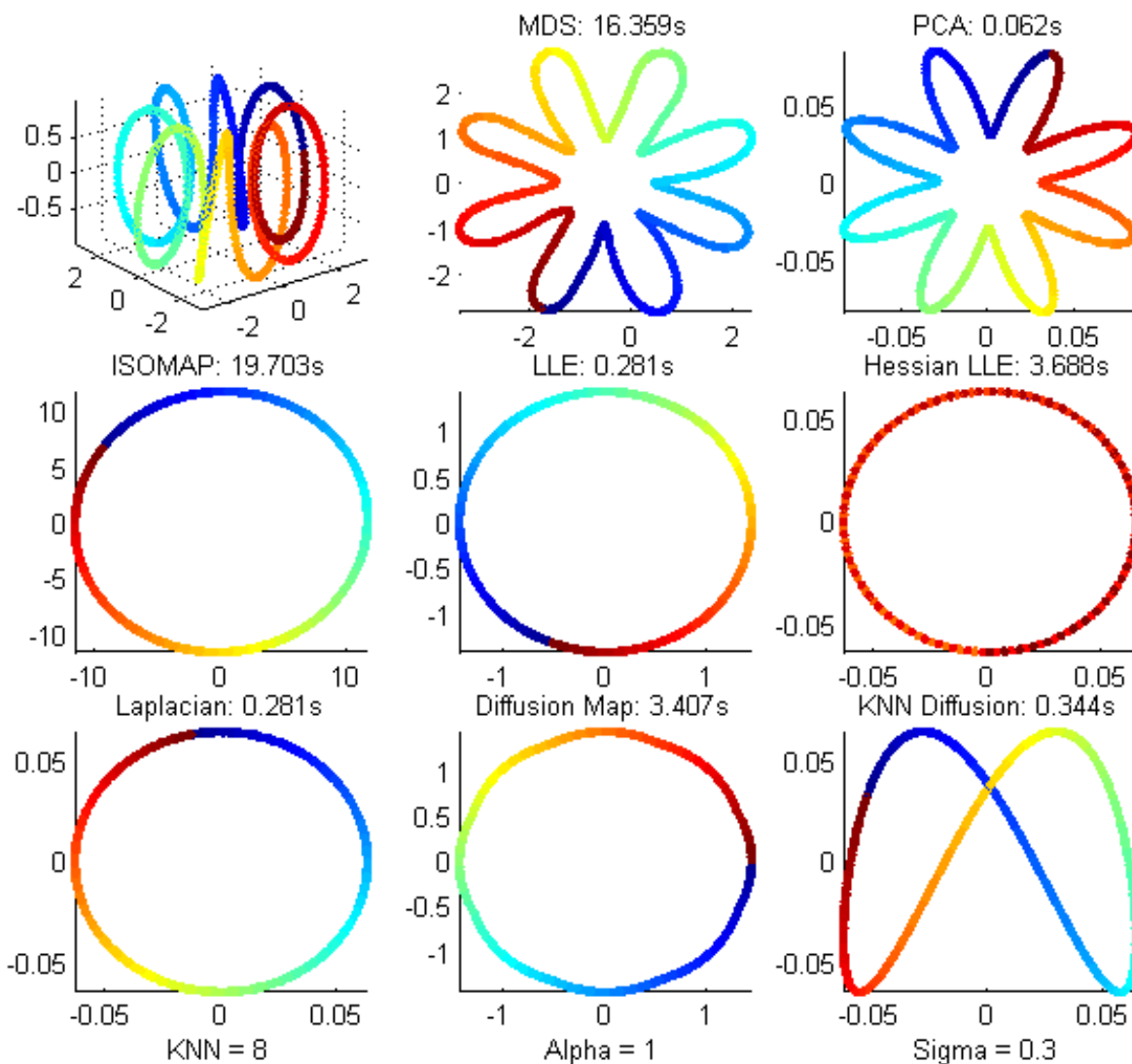
# 3 clusters (connected)



# Toroidal Helix

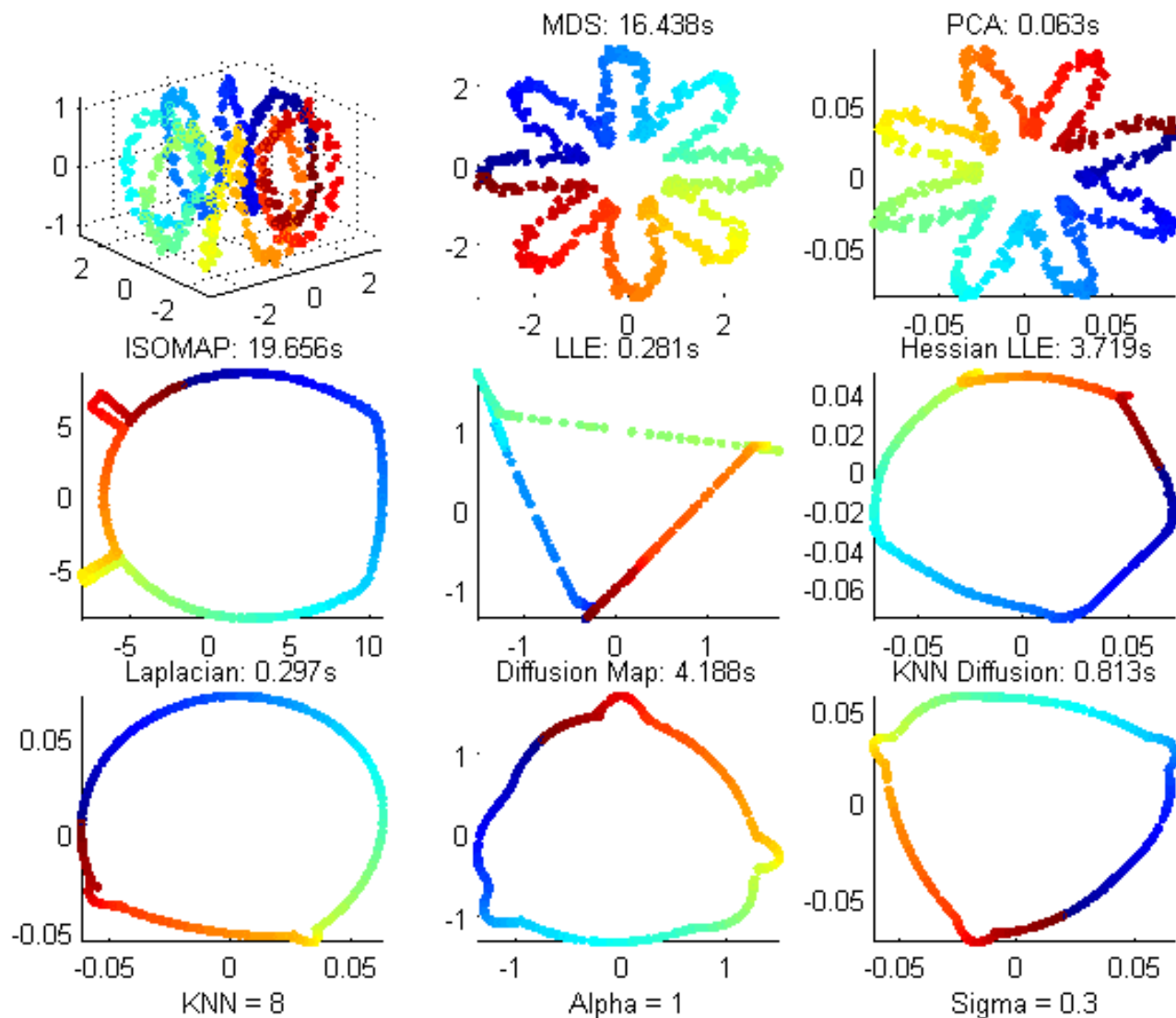


# Toroidal Helix

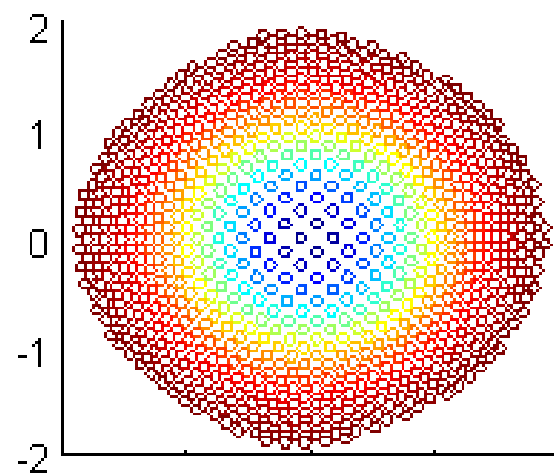
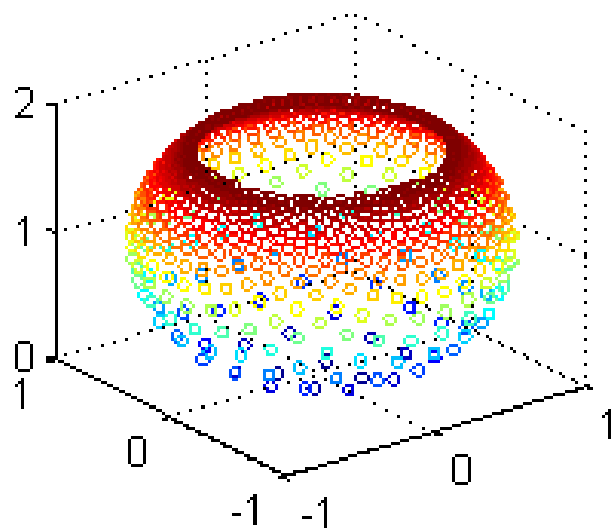




# Noisy Toroidal Helix



# Punctured Sphere



# Punctured Sphere

