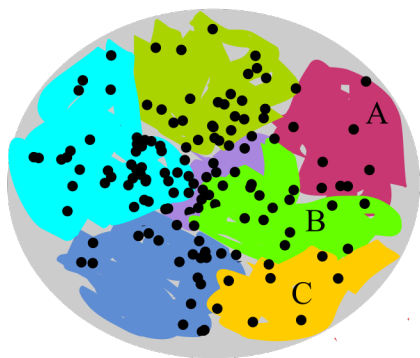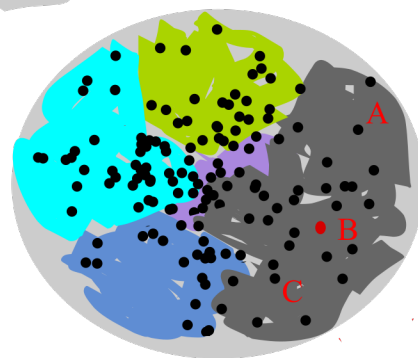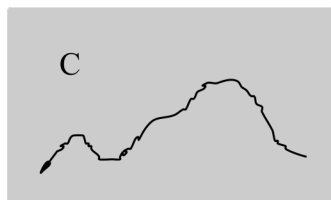Inputs
A cloud of points in 3D

Query Point

p [x, y, z]
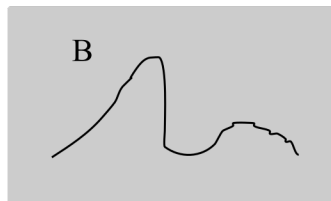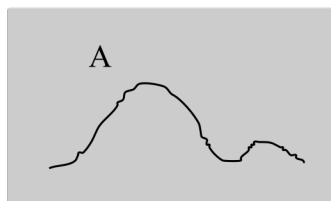
FAISS Index Layer
Separate clusters into Voronoi-like regions
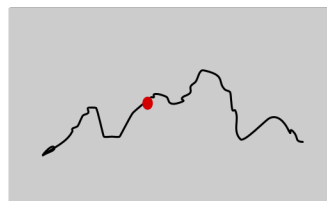
k-NN Selection
The k nearest neighbors are highted in grey

A

B

C

Aggregation → Scalar Field

Return the ADF value

Adaptive Kernels of
Nearest Neighbors