

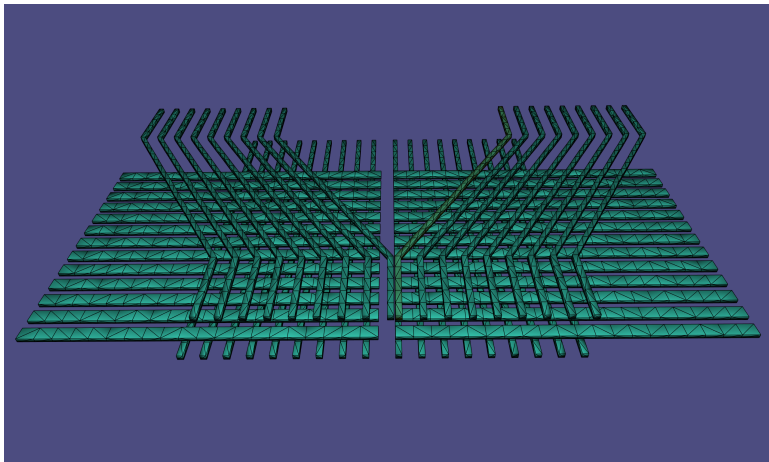
# Application-Driven Mesh Segmentation

Shashwat Sharma

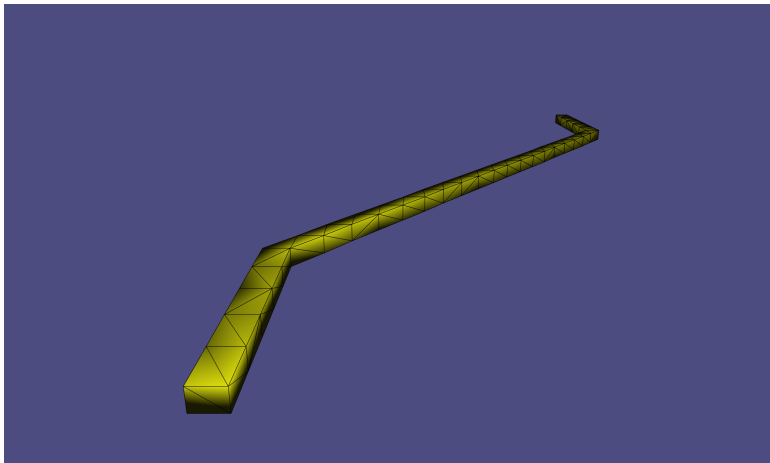
CSC2520 Project Presentation

April 4, 2018

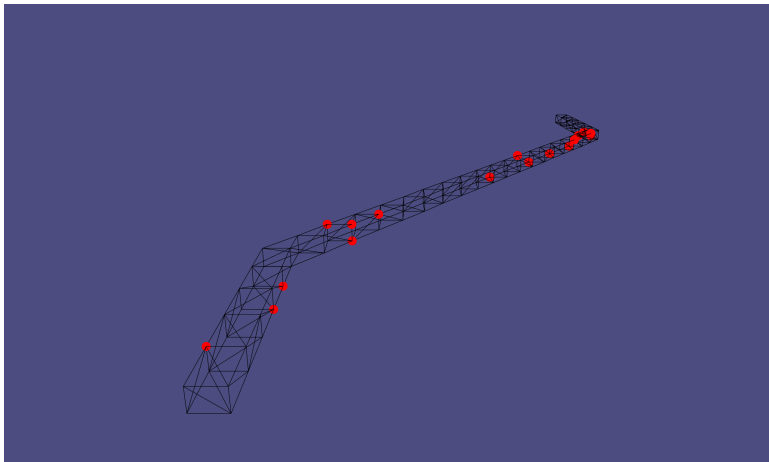
# Target Application(s)



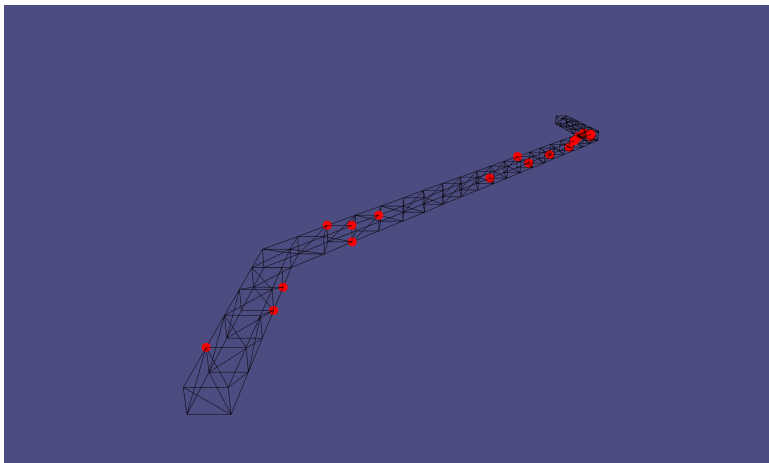
# Step 0 - Isolate objects



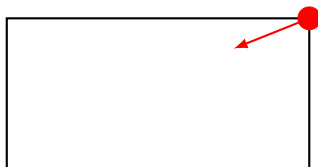
# Step 1 - Sample vertices



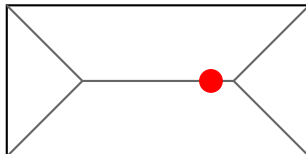
## Step 2 - Skeletonize the samples



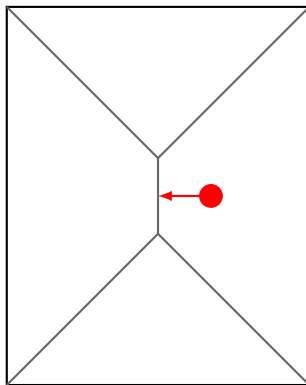
## Step 2 - Skeletonize the samples



## Step 2 - Skeletonize the samples

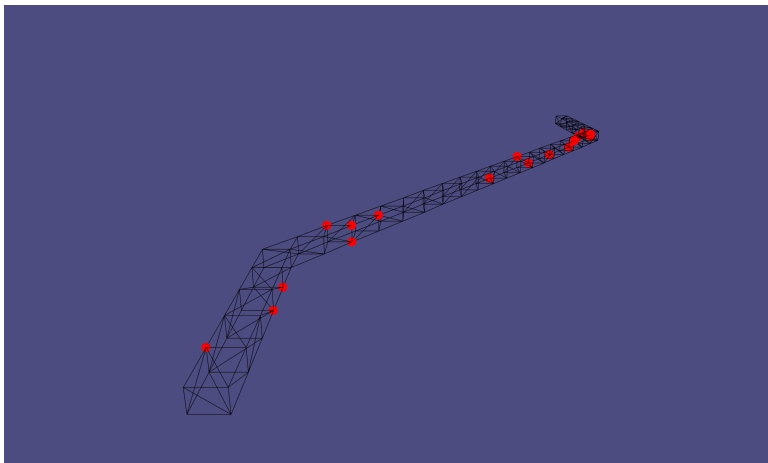


## Step 2 - Skeletonize the samples

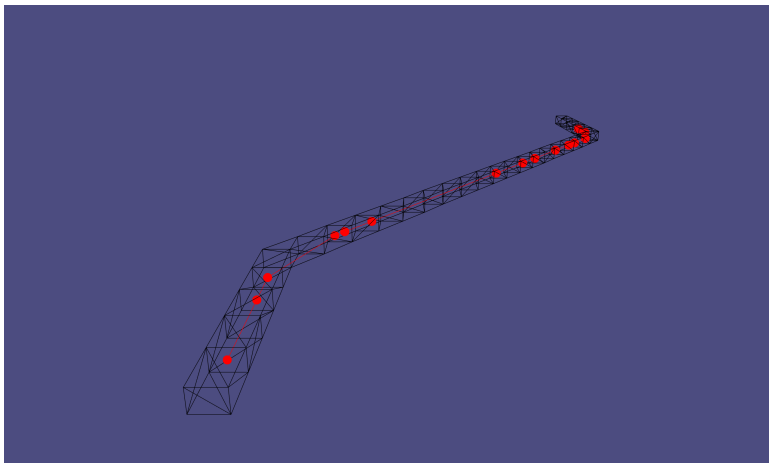




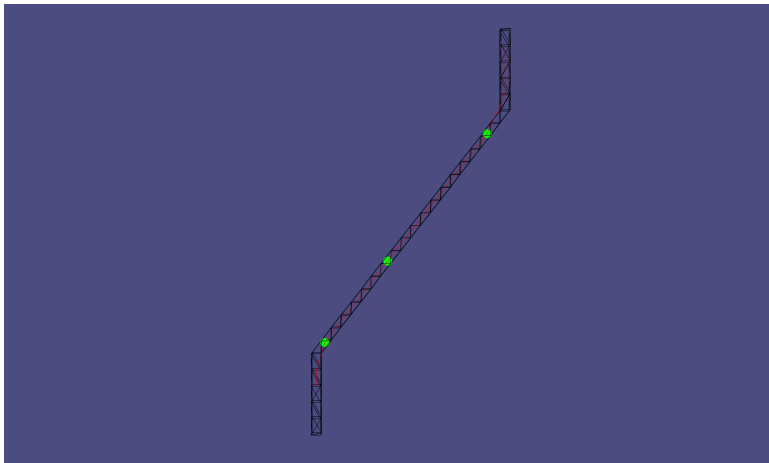
## Step 2 - Skeletonize the samples



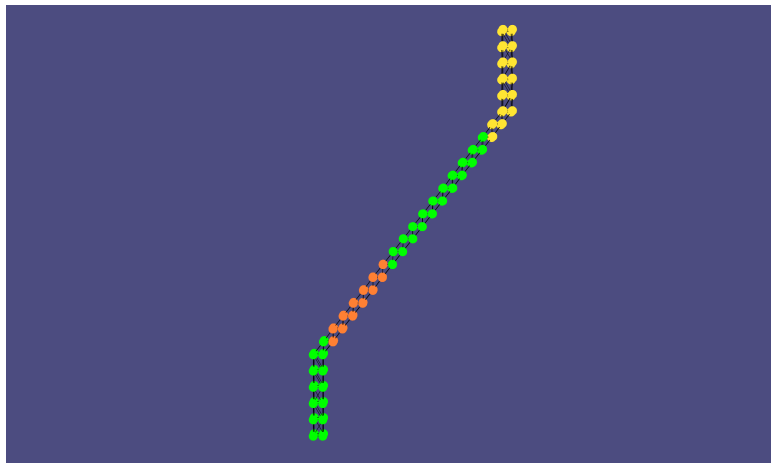
## Step 2 - Skeletonize the samples



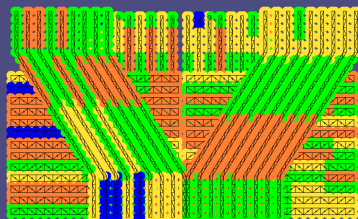
## Step 3 - Segment the skeleton



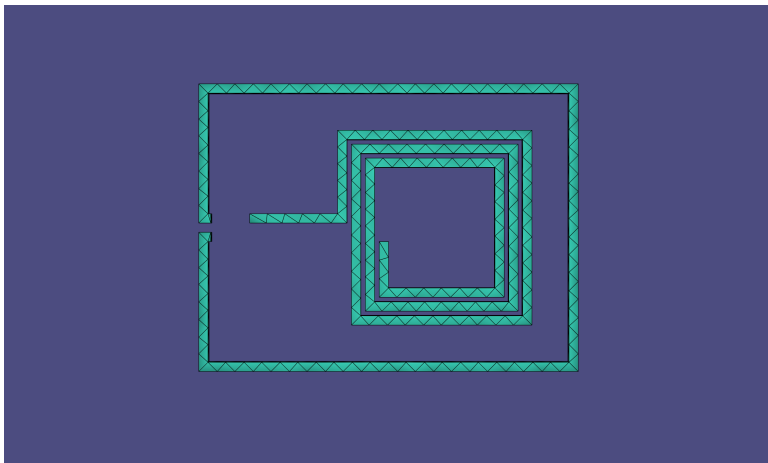
## Step 4 - Segment the mesh



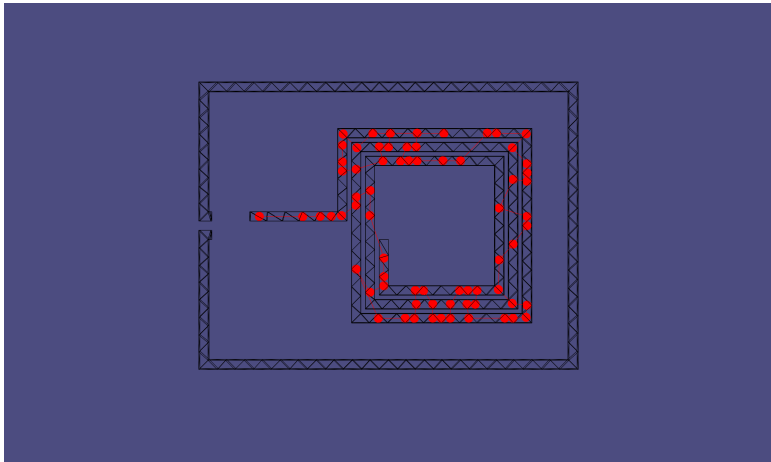
# Case 1 - One that (mostly) works



## Case 2 - One that doesn't work, and why



## Case 2 - One that doesn't work, and why



## Case 2 - One that doesn't work, and why

