

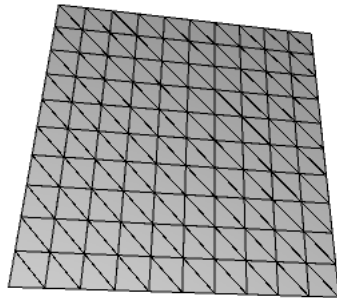
# COL781 A1

Prakhar Jagwani - 2019CS10382  
Danish Javed - 2020CS10339

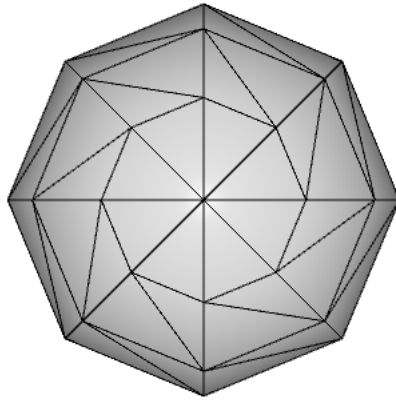
March 2023

## 1 Simple Meshes

### 1.1 Plane

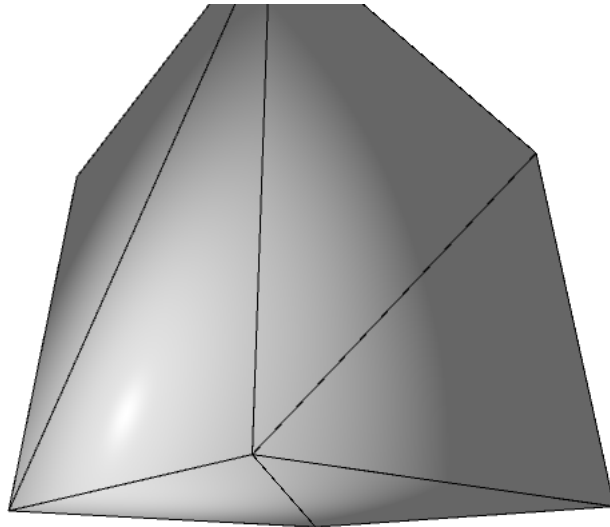


## 1.2 Sphere



## 2 Meshes loaded from OBJ

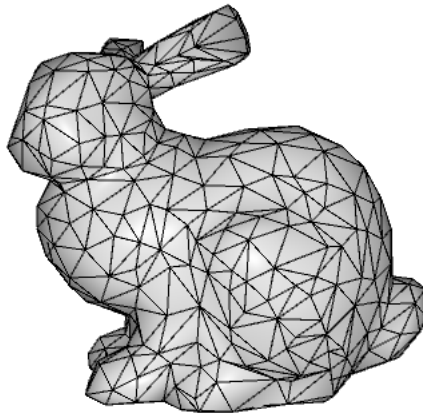
### 2.1 Cube



## 2.2 Teapot

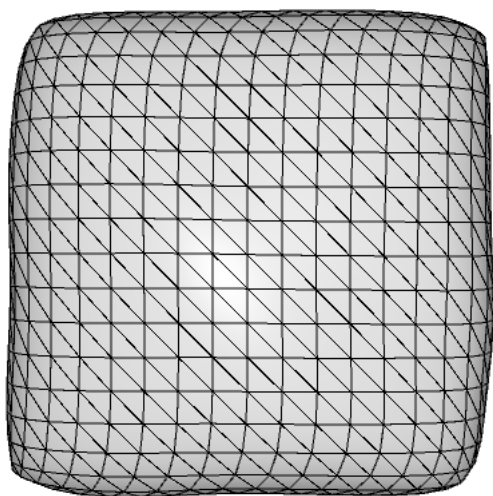


## 2.3 Bunny

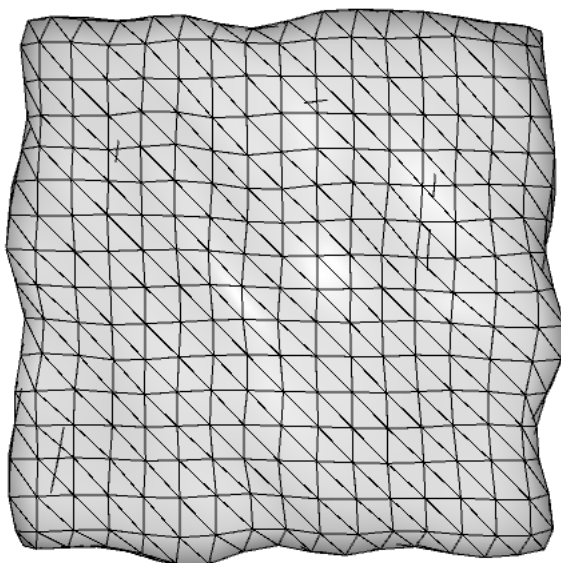


### 3 Smoothing

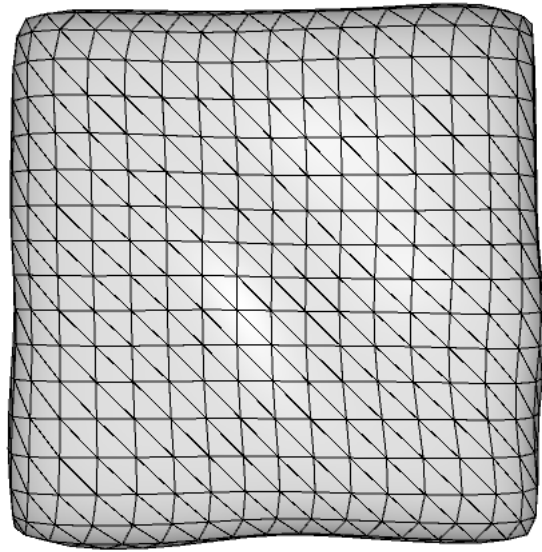
#### 3.1 Naive - 20



#### 3.2 Taubin - 20

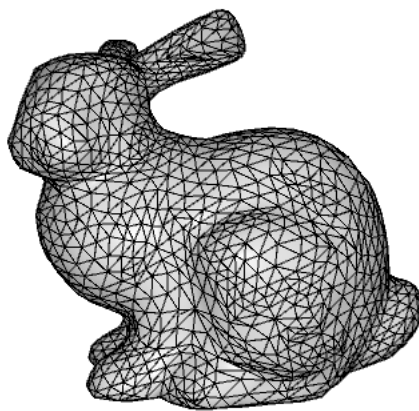


### 3.3 Taubin - 200



## 4 Loop Subdivision

### 4.1 Once



## 4.2 Twice

