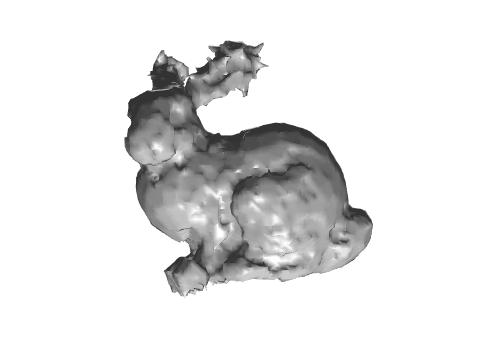
**Abhay Doke**

**Intelligent Visual Computing**

**Assignment 4**

**1. Signed distance to tangent plane**

****

**Bunny\_500**

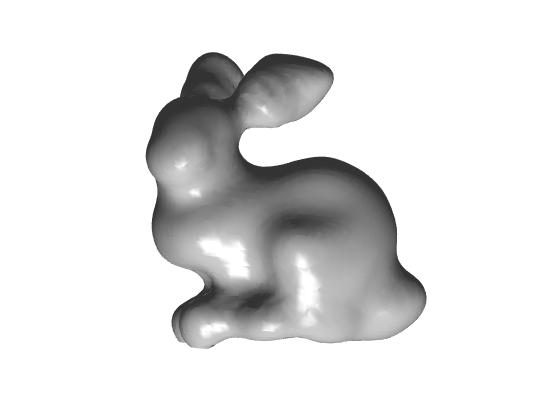
****

**Bunny\_1000**

****

**Sphere**

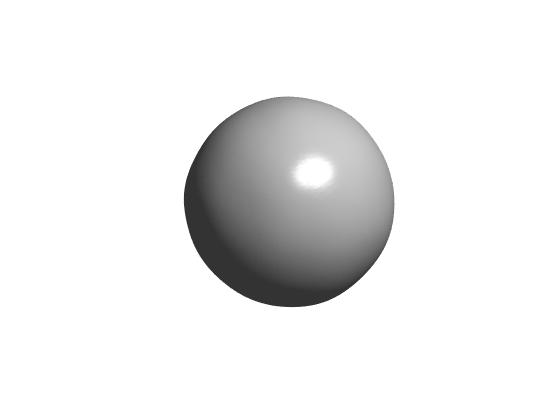
**2. Moving least squares distance to tangent**

****

**Bunny\_500**

****

**Bunny\_1000**

****

**Sphere**

**3. Radial Basis Function (RBF) interpolation for approximating the signed distance**

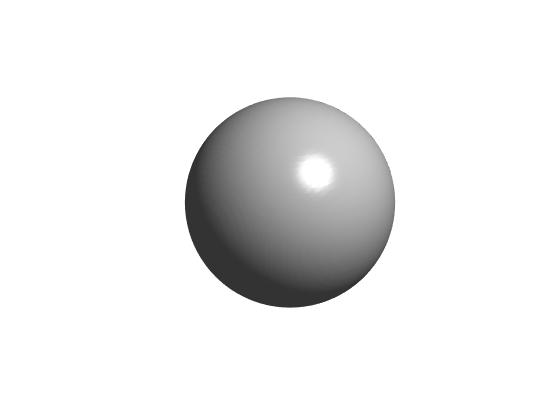
**Epsilon = 0.003**

****

**Bunny\_500**

****

**Bunny\_1000**

****

**Sphere**