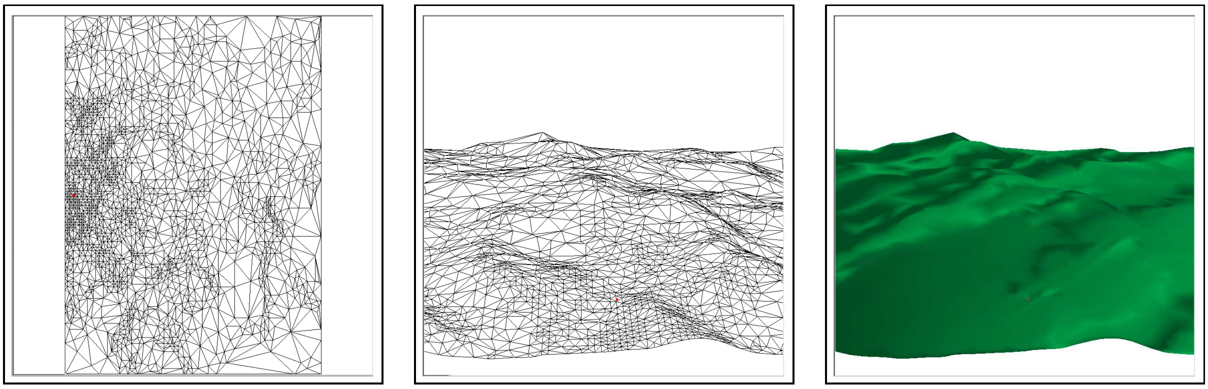
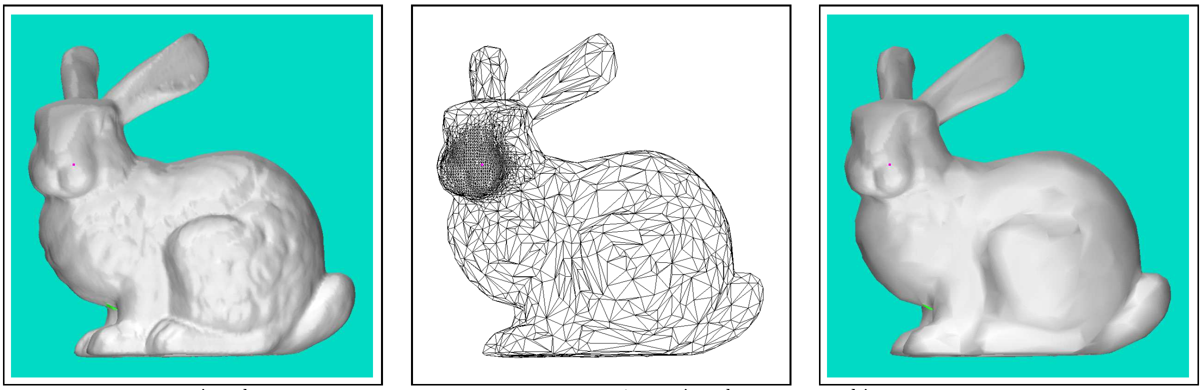
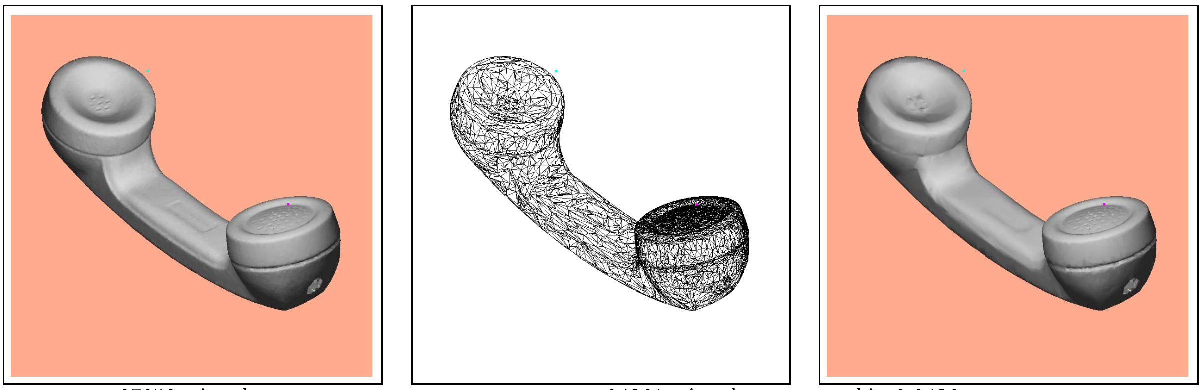


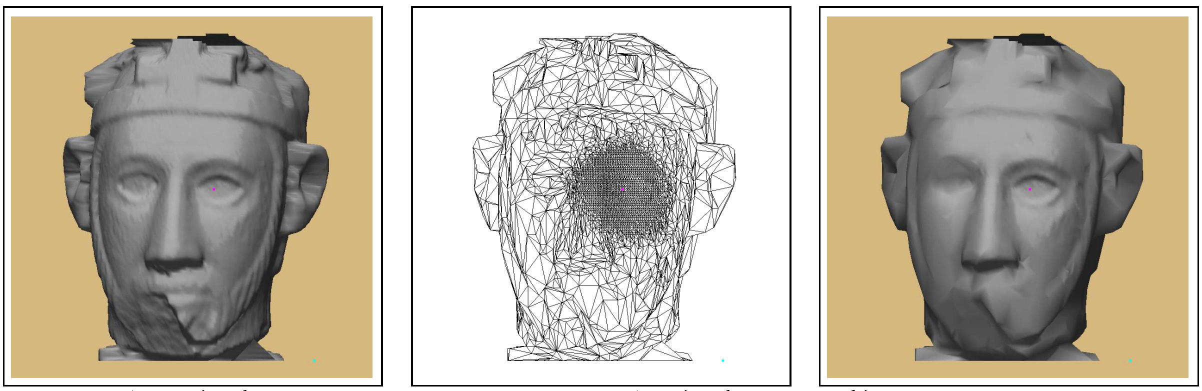
Figure 1: A triangle mesh at variable resolution extracted from the MT for Mount Marcy: top view, prespective wireframe, and solid; the viewpoint is the red point on the middle of the left edge in the top view. The full resolution mesh contains 50562 triangles, this mesh only 6322; the average extraction times for different viewpoint positions were about 100 milliseconds.



69451 triangles | 5781 triangles, extracted in 0.0164 secs



67656 triangles | 24361 triangles, extracted in 0.0436 secs



67656 triangles | 6074 triangles, extracted in 0.0138 secs

Figure 2: Triangle meshes extracted from MTs for free-form surfaces: original mesh at full resolution (left), and mesh at variable resolution (wireframe and solid); the focus point is the red point.