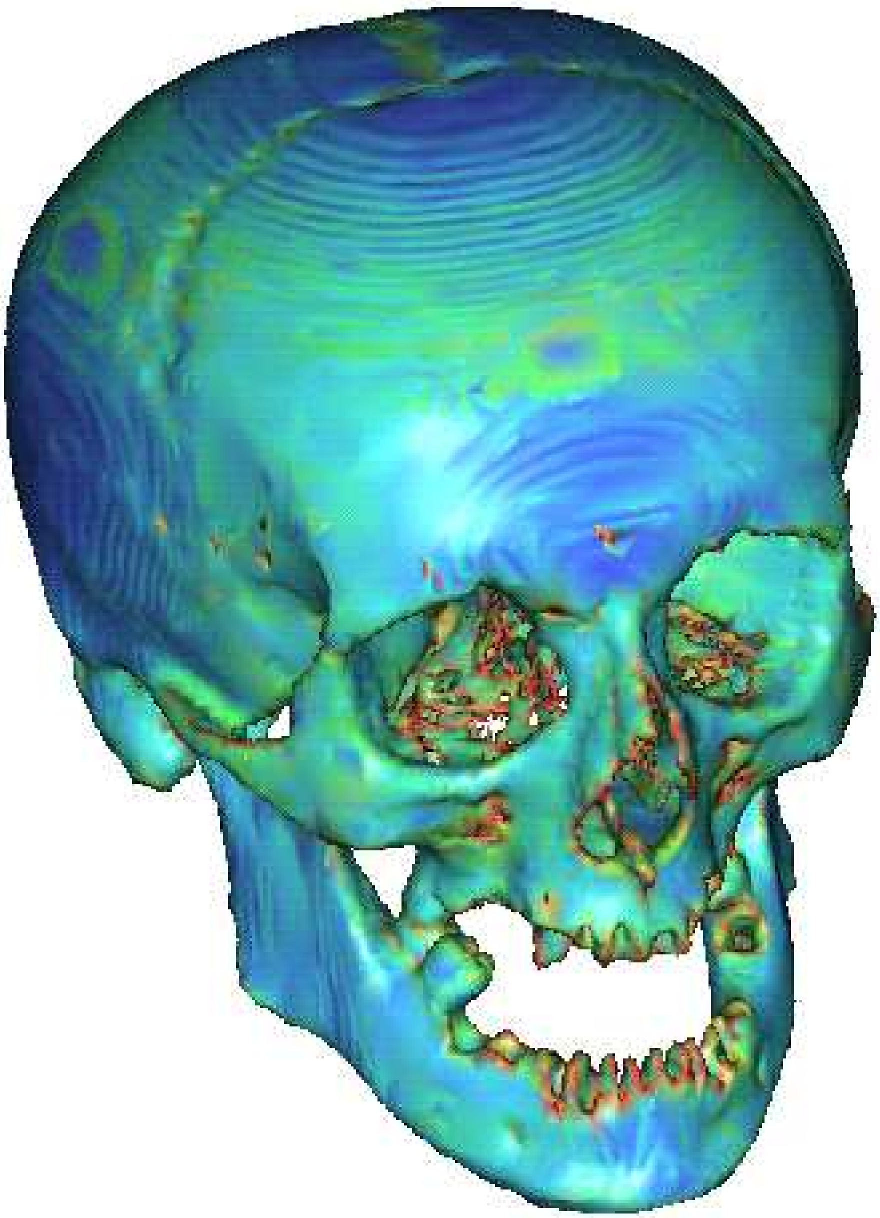

Figure 21: Surface of the cranium for a Crouzon syndrome (58K vertices and 120K triangles) extracted from a 256 by 256 by 135 CT scan. Before simplification, the original number of triangles was 1460K (12 times compressed). The maximum error bound is 1.0 millimeter. Sharp ridges appear in red, and relatively flat areas appear in blue, color-coded relatively to the magnitude of the highest principal curvature (see section 3.3.)