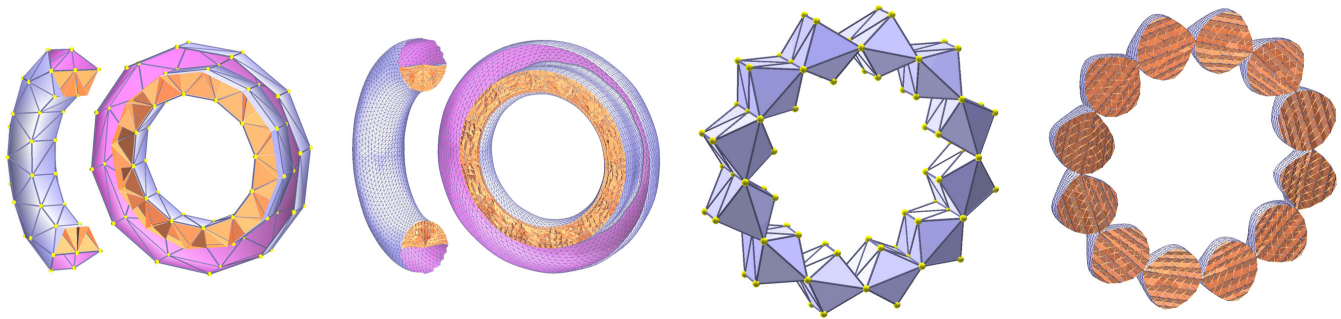
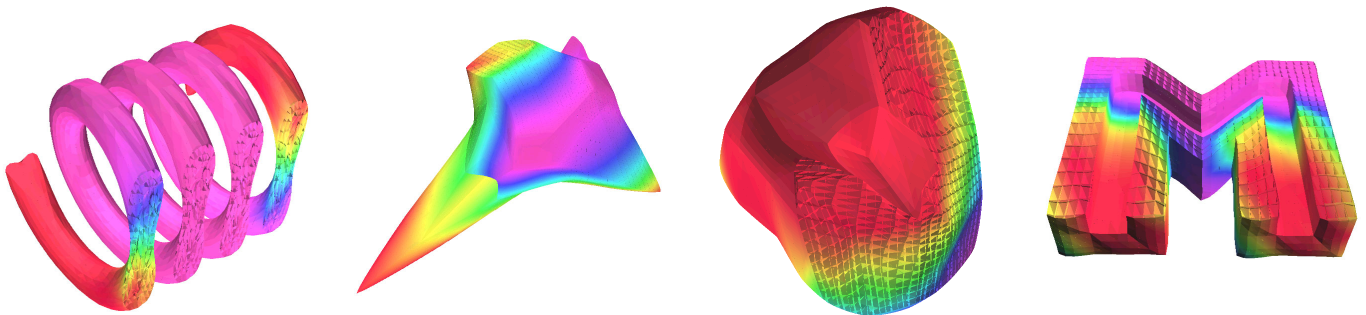


Color Plate 1. SMI logo and its cross-section created using the interpolatory subdivision scheme for solids. Note that, the boundary of solid models is colored blue, and the cross-section of solid models is colored yellow.



Color Plate 2. Models with non-manifold topology. The purple region indicates the part of the model where only surface information is offered.



Color Plate 3. Various solid models with material properties. Simple diffusion process is used to initialize material data at level 1. Control points at higher levels are smoothly interpolated by the subdivision scheme.