Figure 1: Features can be sharpened by multiplying $\kappa_{\text{max}}$ or $\kappa_{\text{min}}$ with a factor $s > 1$. Left: original mesh with feature lines. Middle: original mesh. Right: mesh with sharpened features.

Figure 2: Surfaces areas can be flattened by replacing their curvatures with constant zero.
Figure 3: An area on the sphere has been transformed from convex to concave.