

Figure 15. The left is the photograph of the target aluminum pipe. This pipe has also thin part and thick part. The center and the right are the generated medial surface using our proposed method.

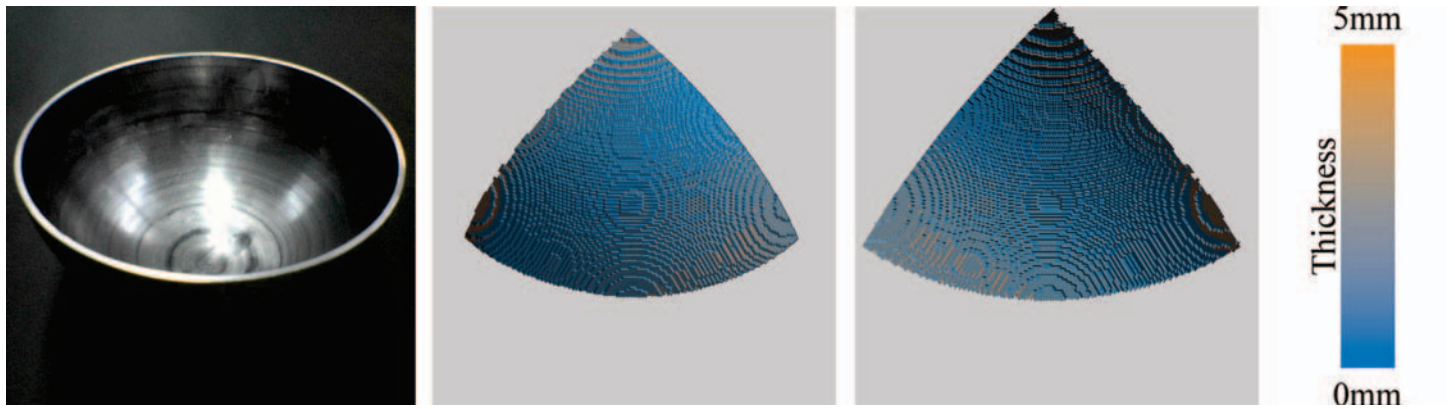


Figure 16. The left is the photograph of the target aluminum bowl. This bowl is a test piece for the thickness mapping. We calculate thicknesses from distance map, and map to each triangle. In the center and the right, triangles rendered with colors from blue (thinner) to red (thicker). Compared with the aluminum pipe shown in Figure 15, the colors of these figures are uniform.

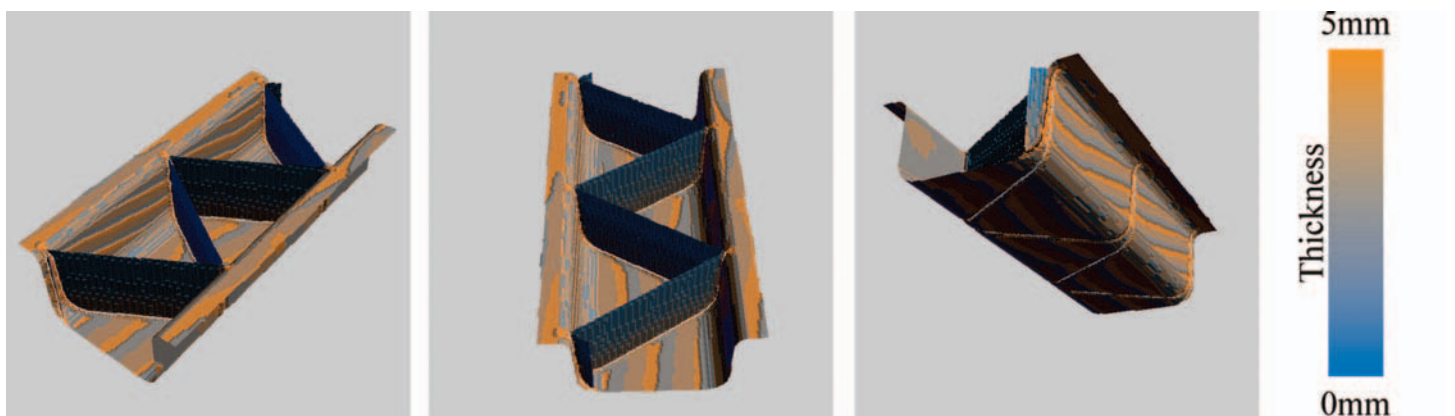


Figure 17. These are a generated medial surface of a shock absorber of a car body.