

Figure 1: Uniform remeshing results of the Eight model.

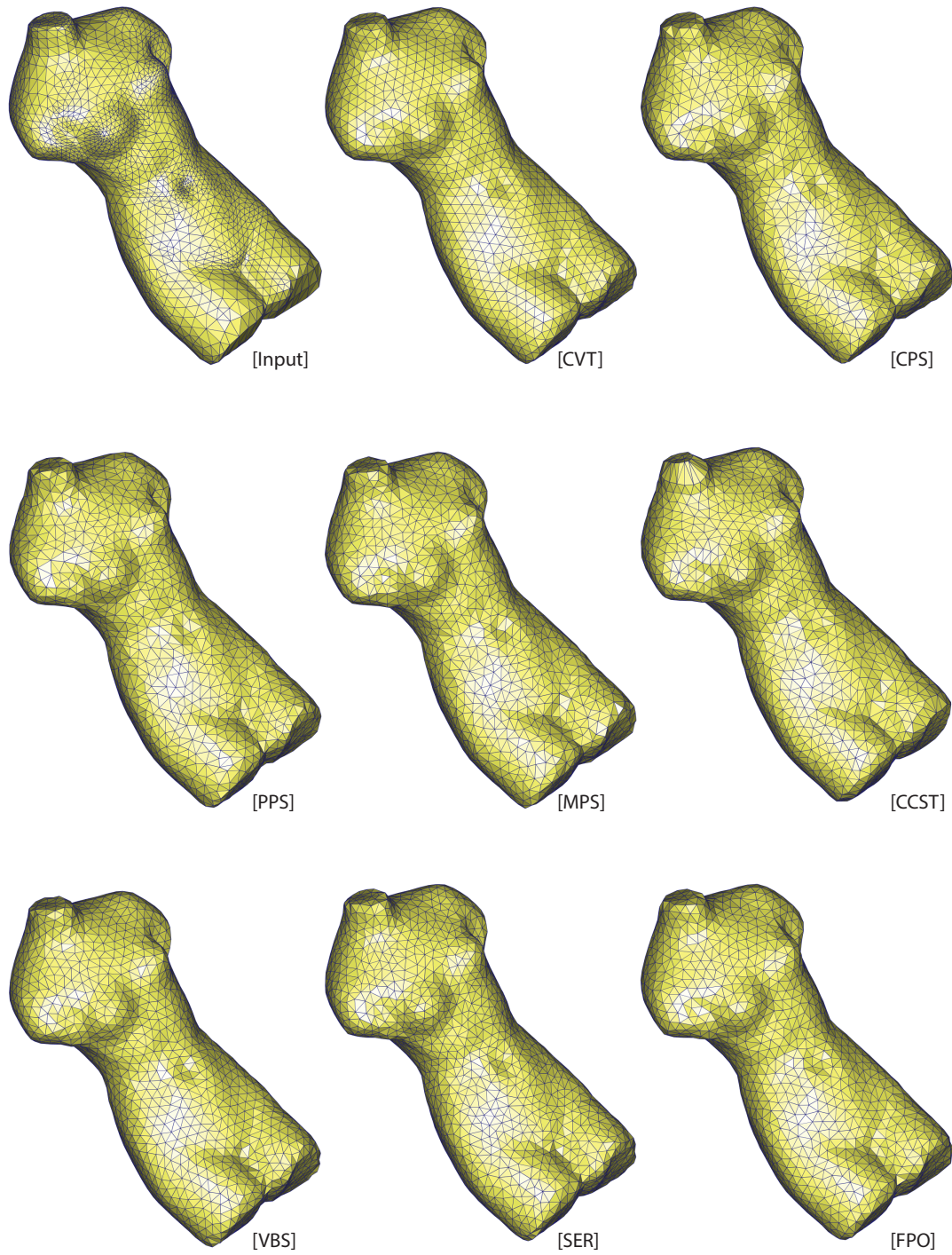


Figure 2: Uniform remeshing results of the Venus model.

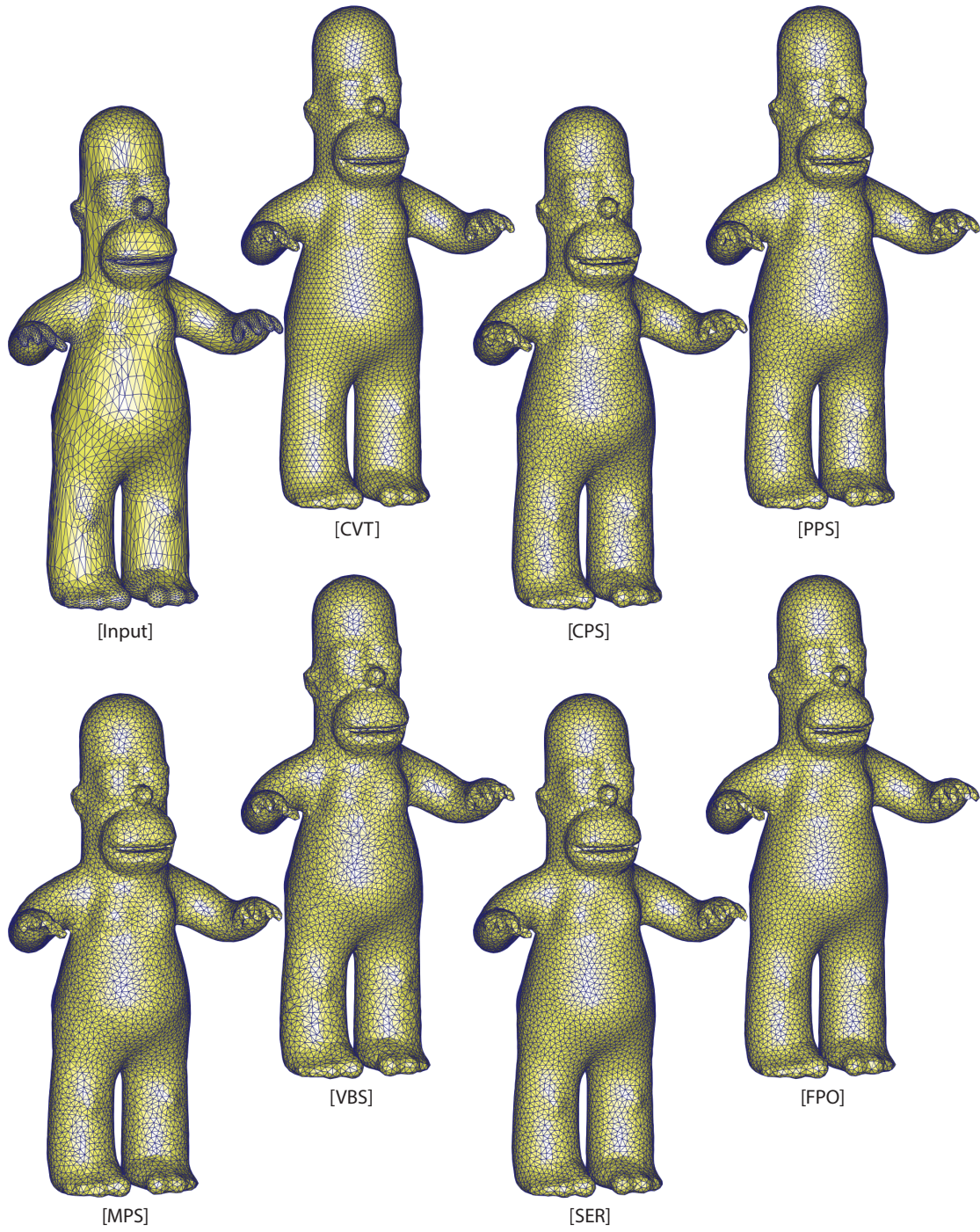


Figure 3: Uniform remeshing results of the Homer model.

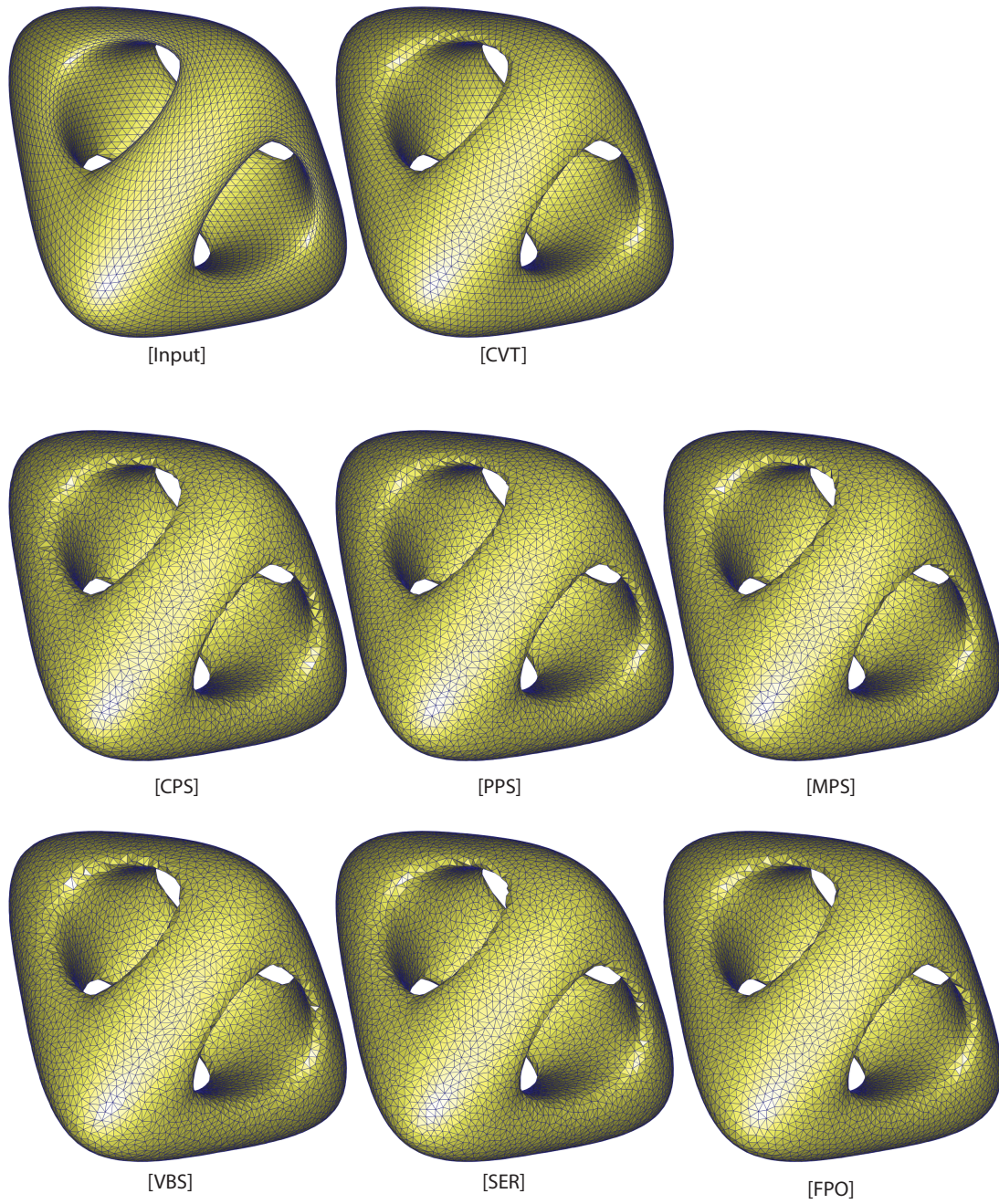


Figure 4: Uniform remeshing results of the Genus3 model.

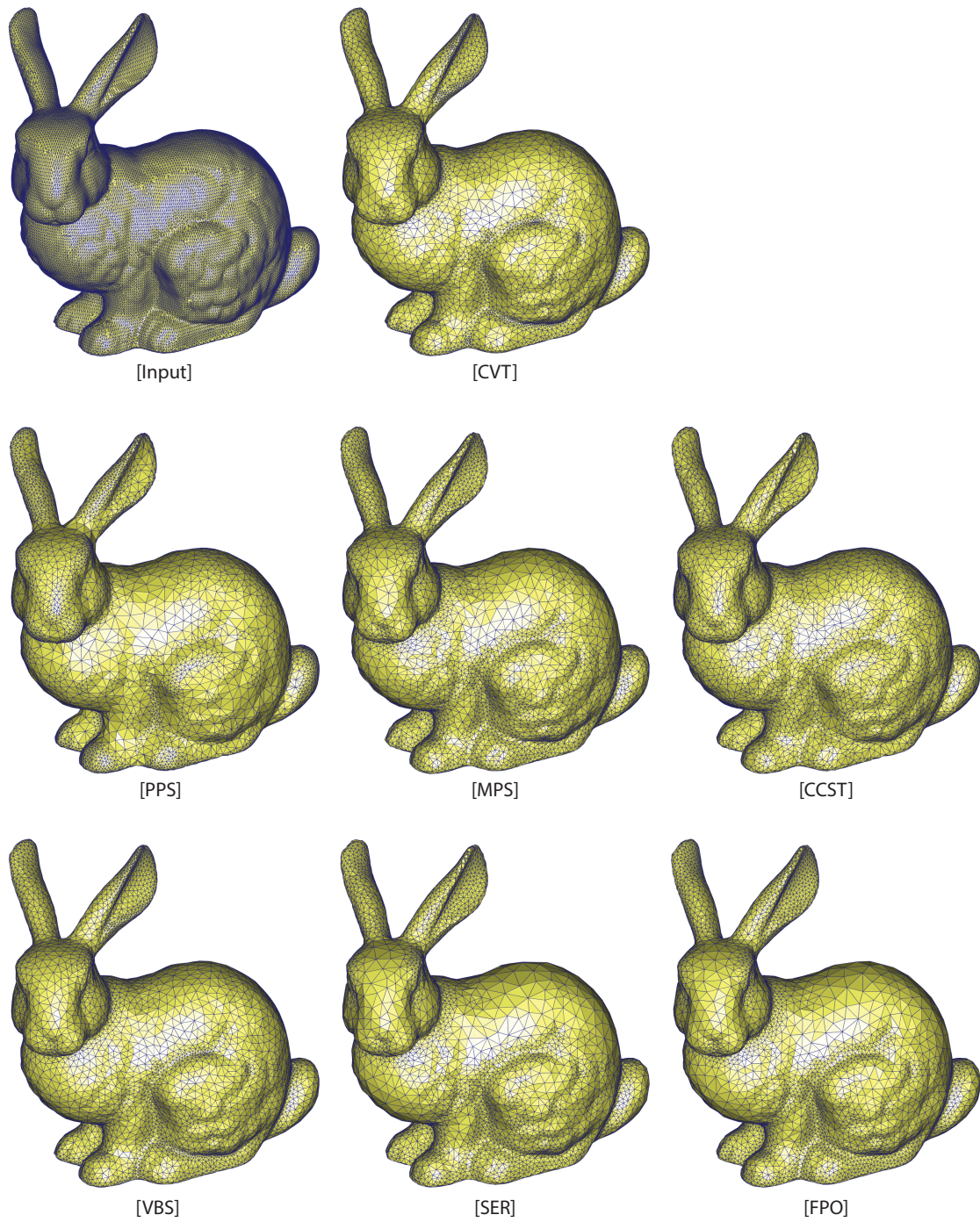


Figure 5: Adaptive remeshing results of the Bunny model.

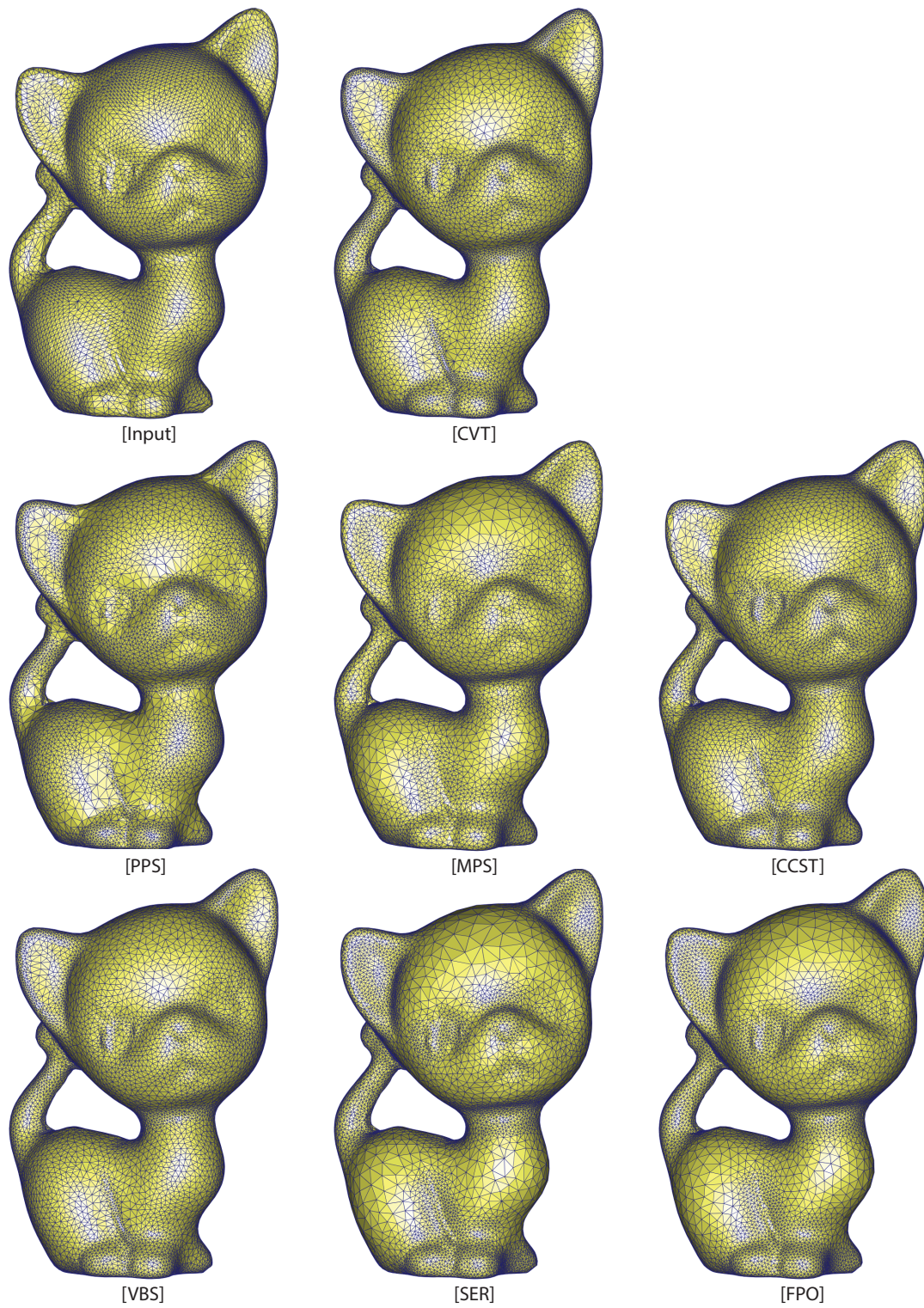


Figure 6: Adaptive remeshing results of the Kitten model.

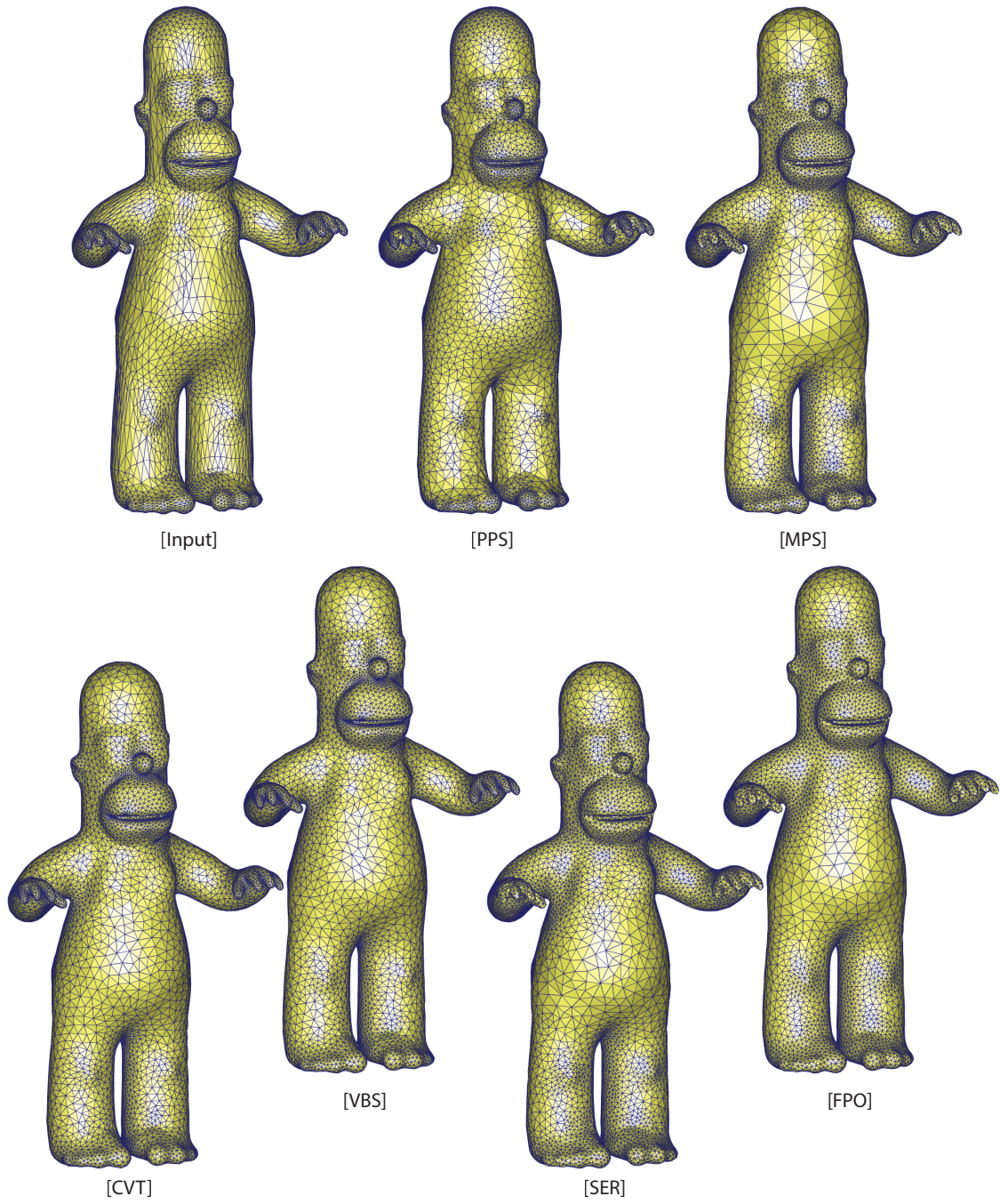


Figure 7: Adaptive remeshing results of the Homer model.

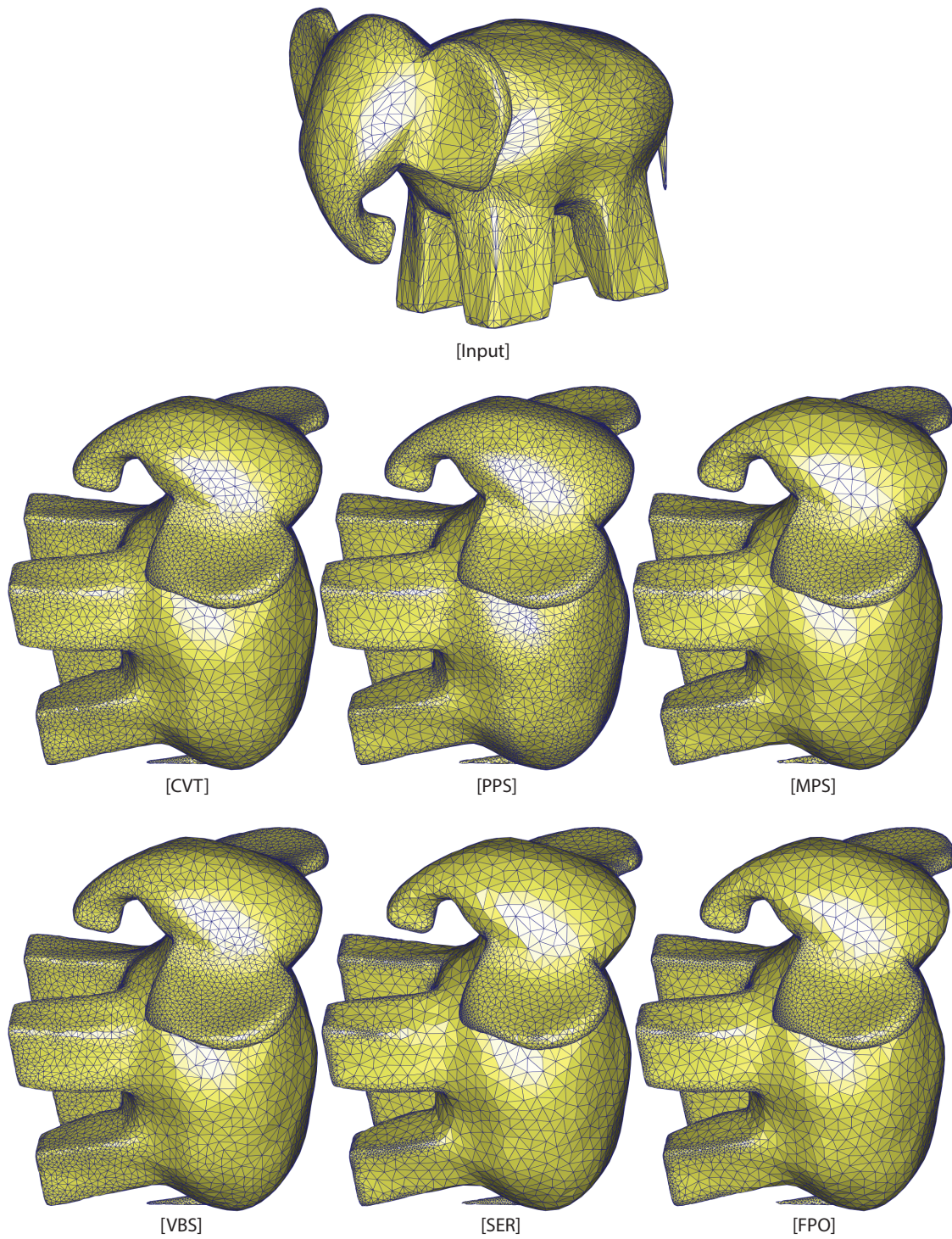


Figure 8: Adaptive remeshing results of the Elephant model.

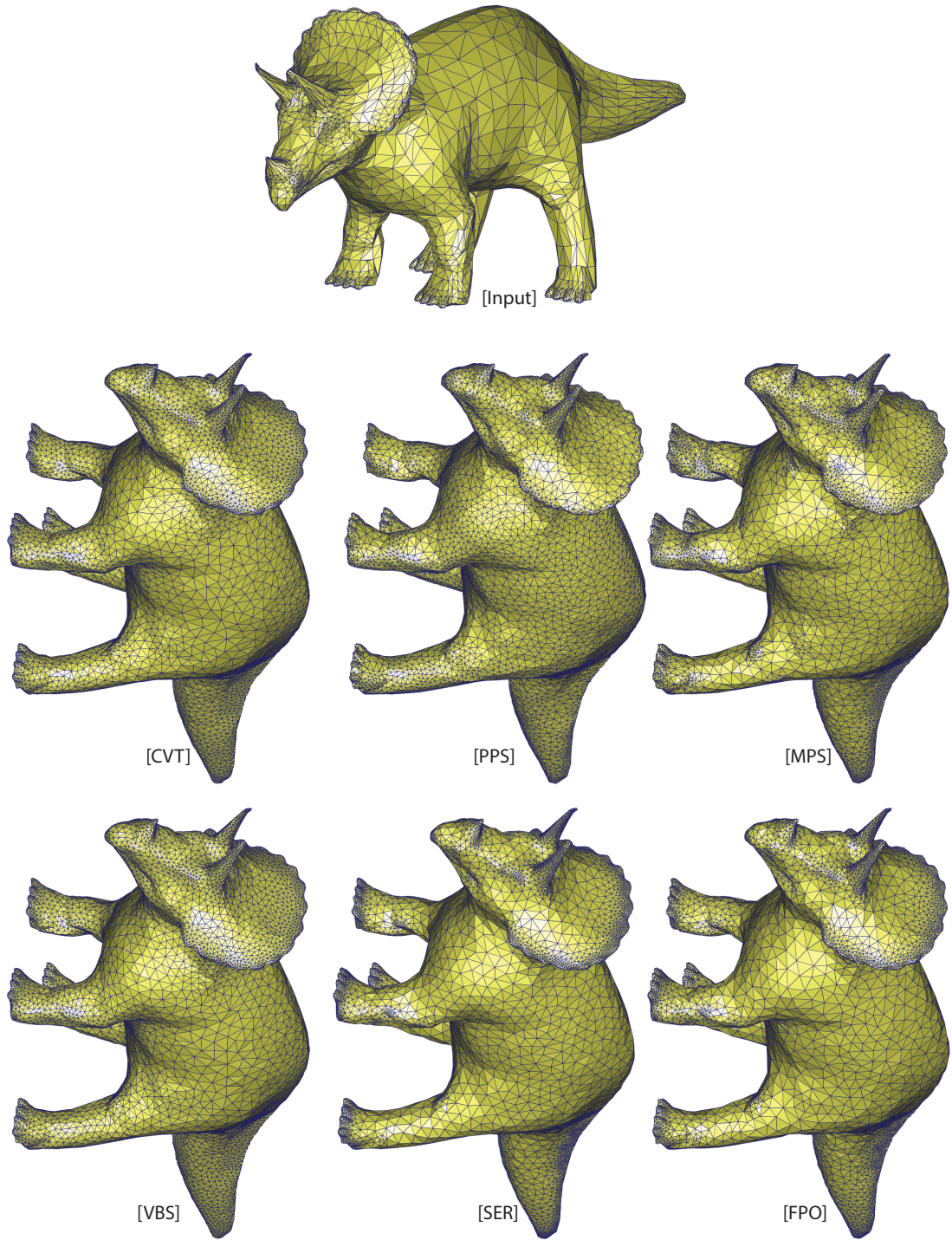


Figure 9: Adaptive remeshing results of the Triceratops model.

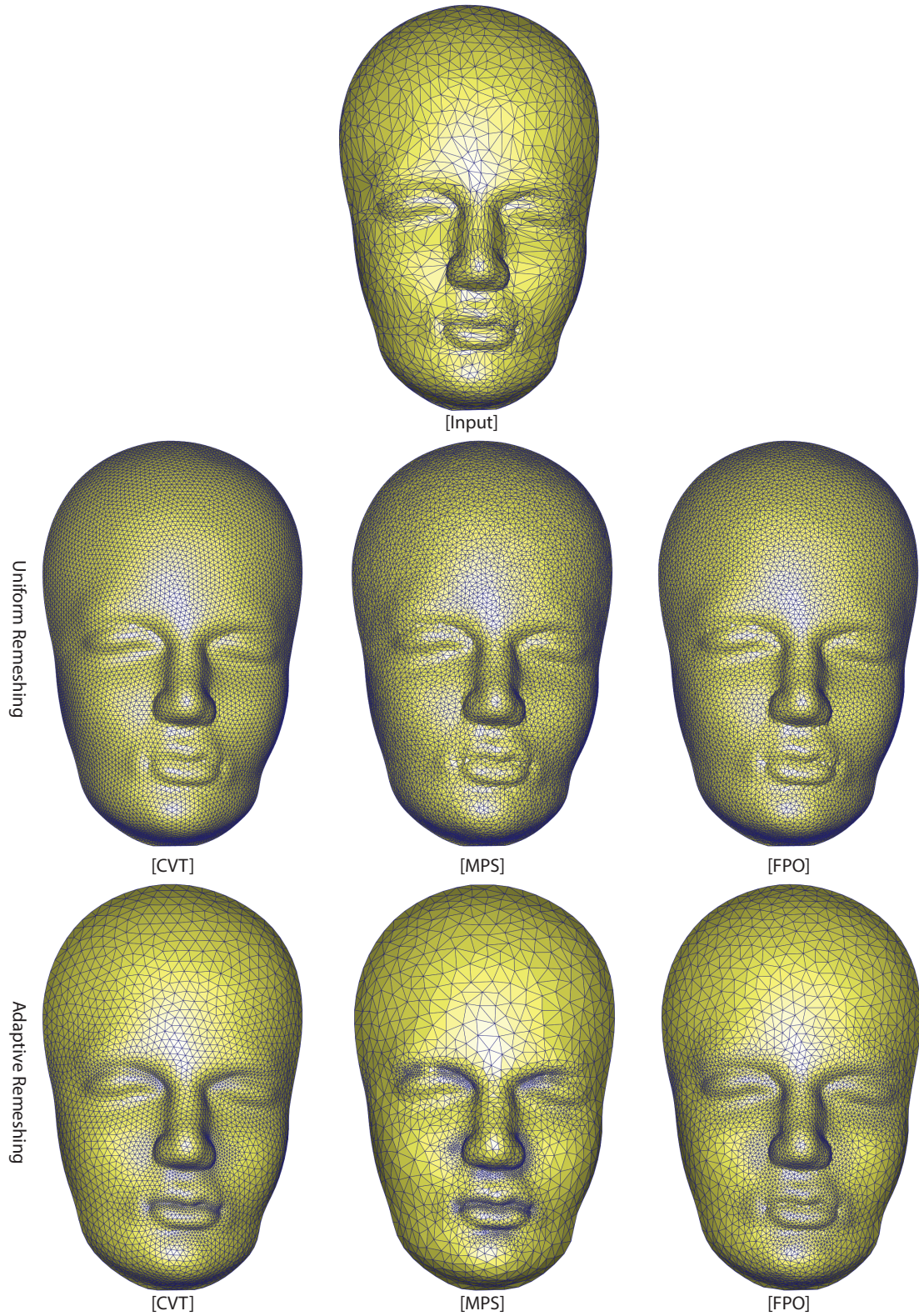


Figure 10: Boundary handling results of the Mask model.

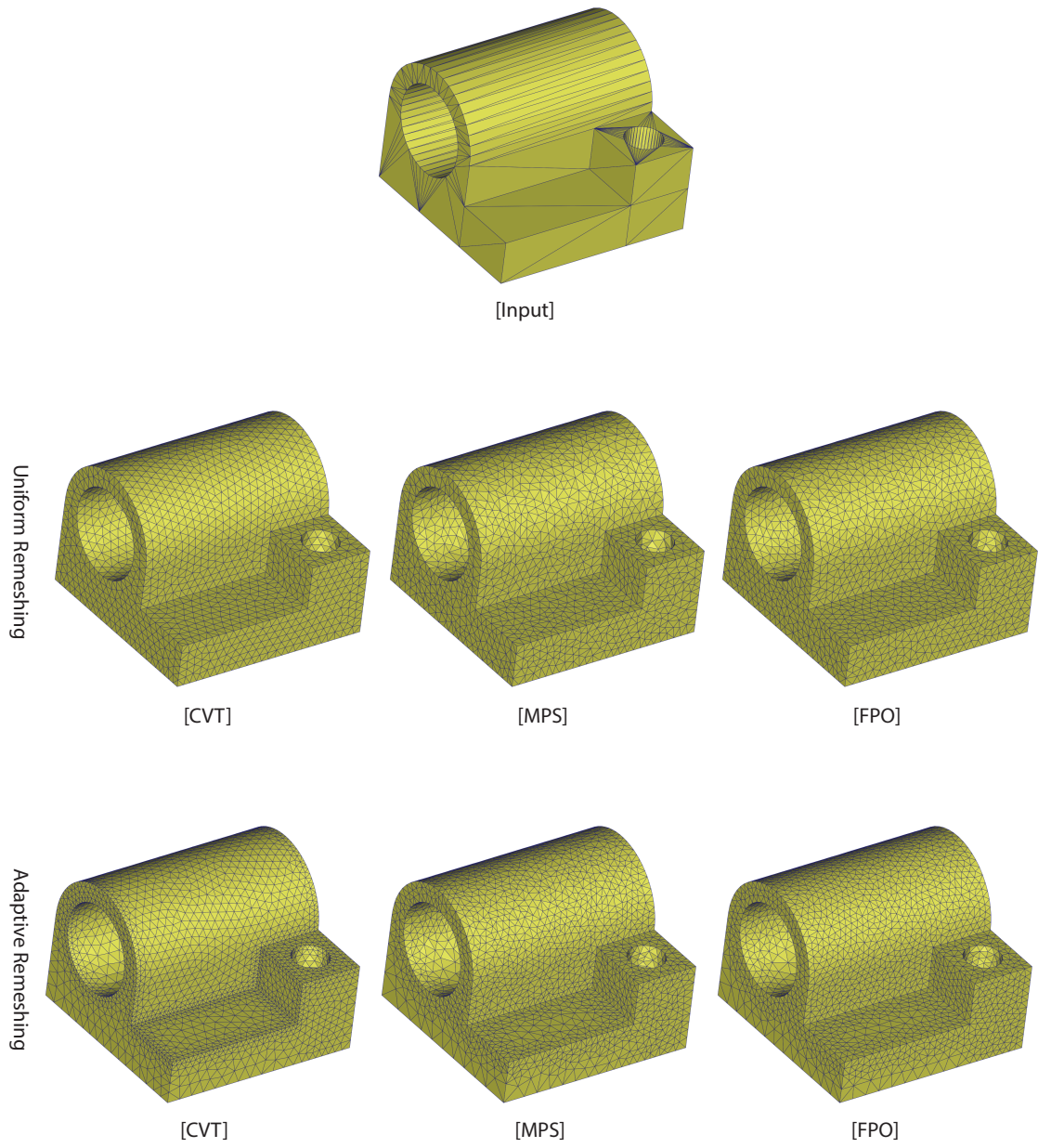


Figure 11: Feature preserving results of the Joint model.

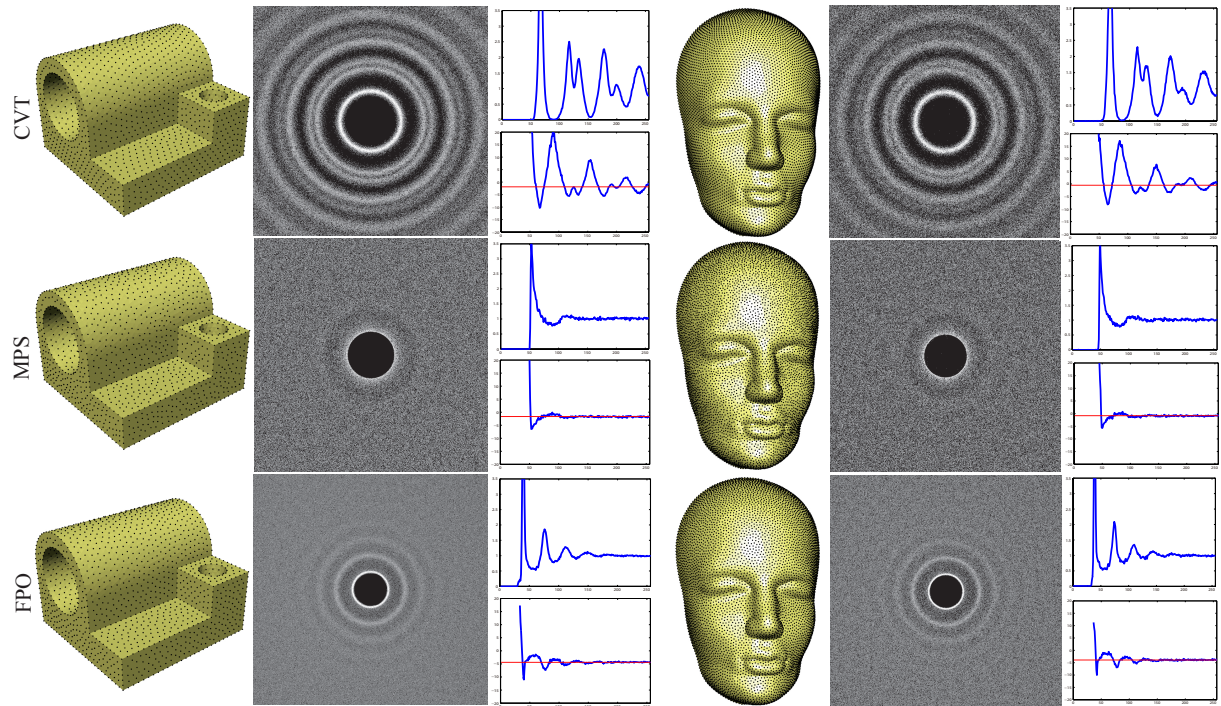


Figure 12: Spectral analysis of the uniform feature preserving sampling on surfaces of Joint (with ~ 3400 samples) and Mask (with ~ 6000 samples).

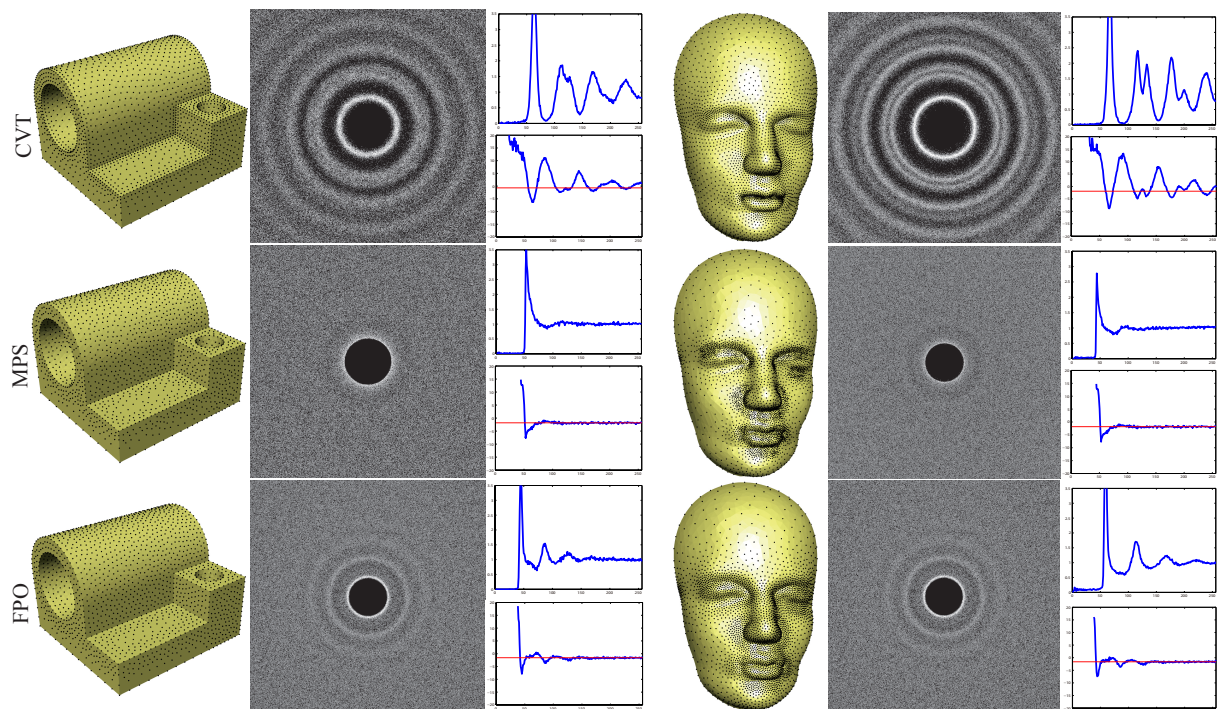


Figure 13: Spectral analysis of the adaptive feature preserving sampling on surfaces of Joint (with ~ 3800 samples) and Mask (with ~ 3300 samples).

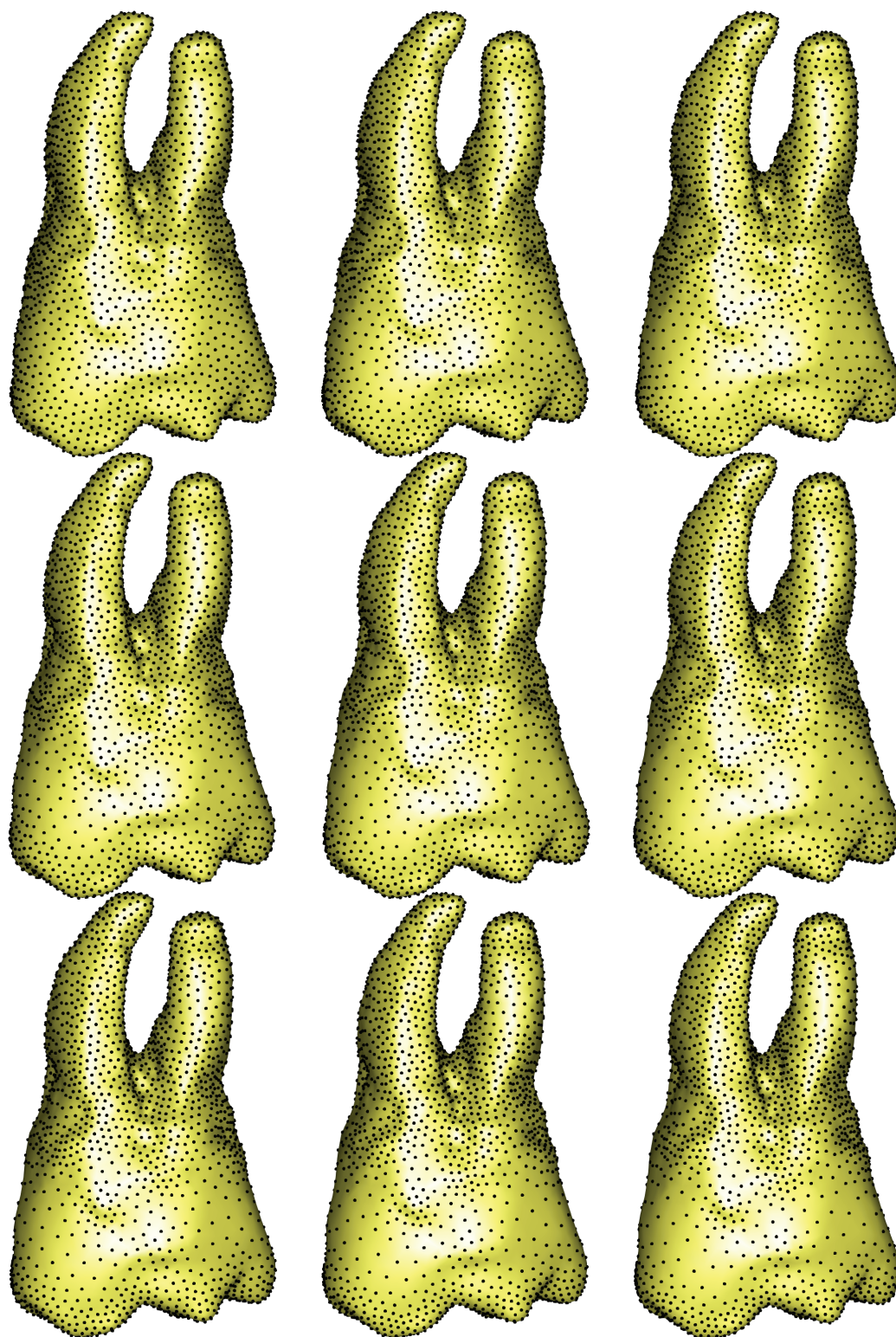


Figure 14: Sampling with varying density function. The density changes from uniform to curvature adapted.