

Towards Reflectometry from Interreflections: Supplementary Material

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Abstract—In this supplement, we show additional comparisons between the different methods we discuss in the main paper, for more groundtruth reflectance functions, under a variety of shapes, illuminations, and measurements.

Index Terms—bidirectional reflectance distribution function, reflectometry, interreflections, differentiable rendering



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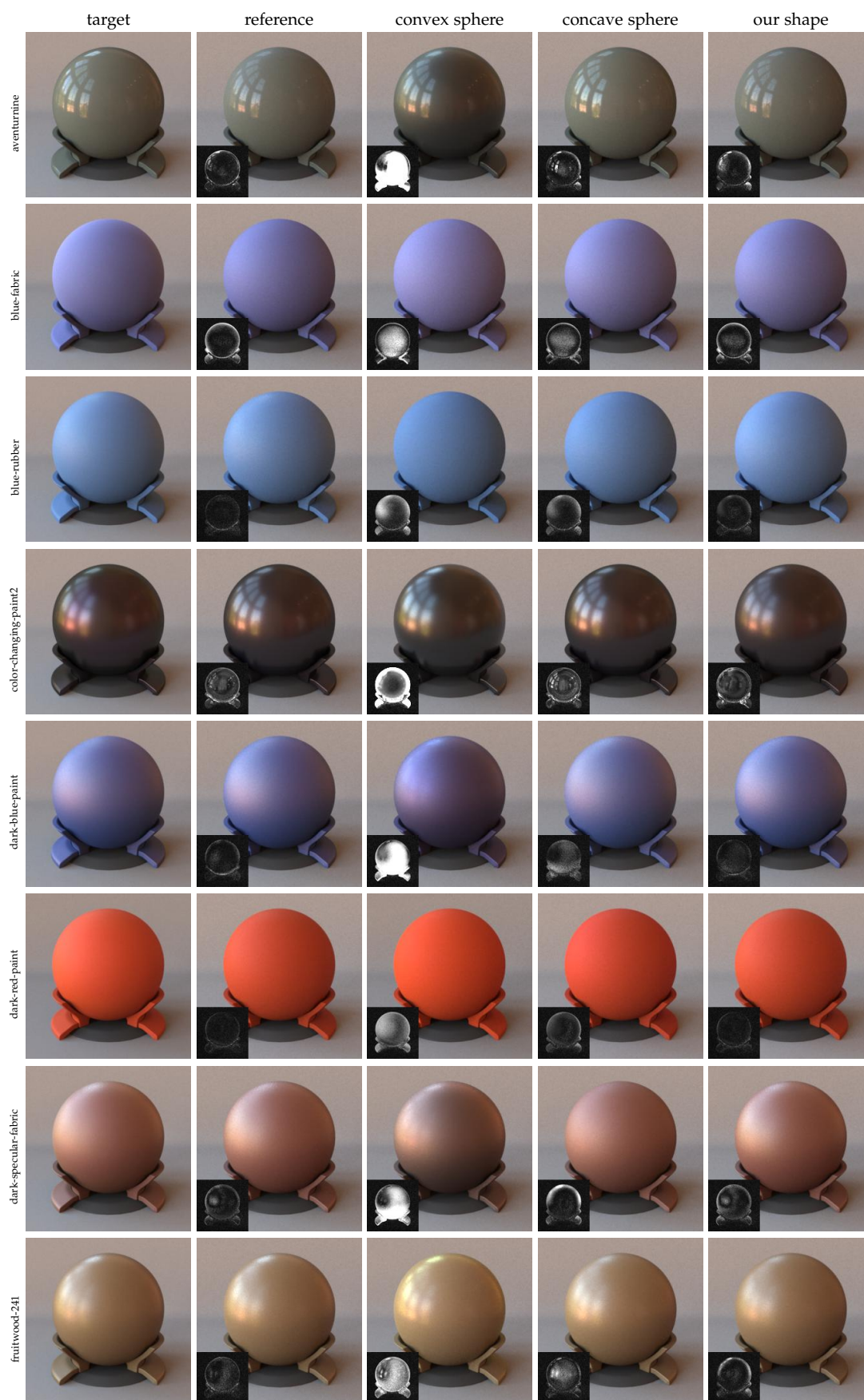


Fig. 1. Reconstructed BRDF for single Image



Fig. 2. Reconstructed BRDF for single Image

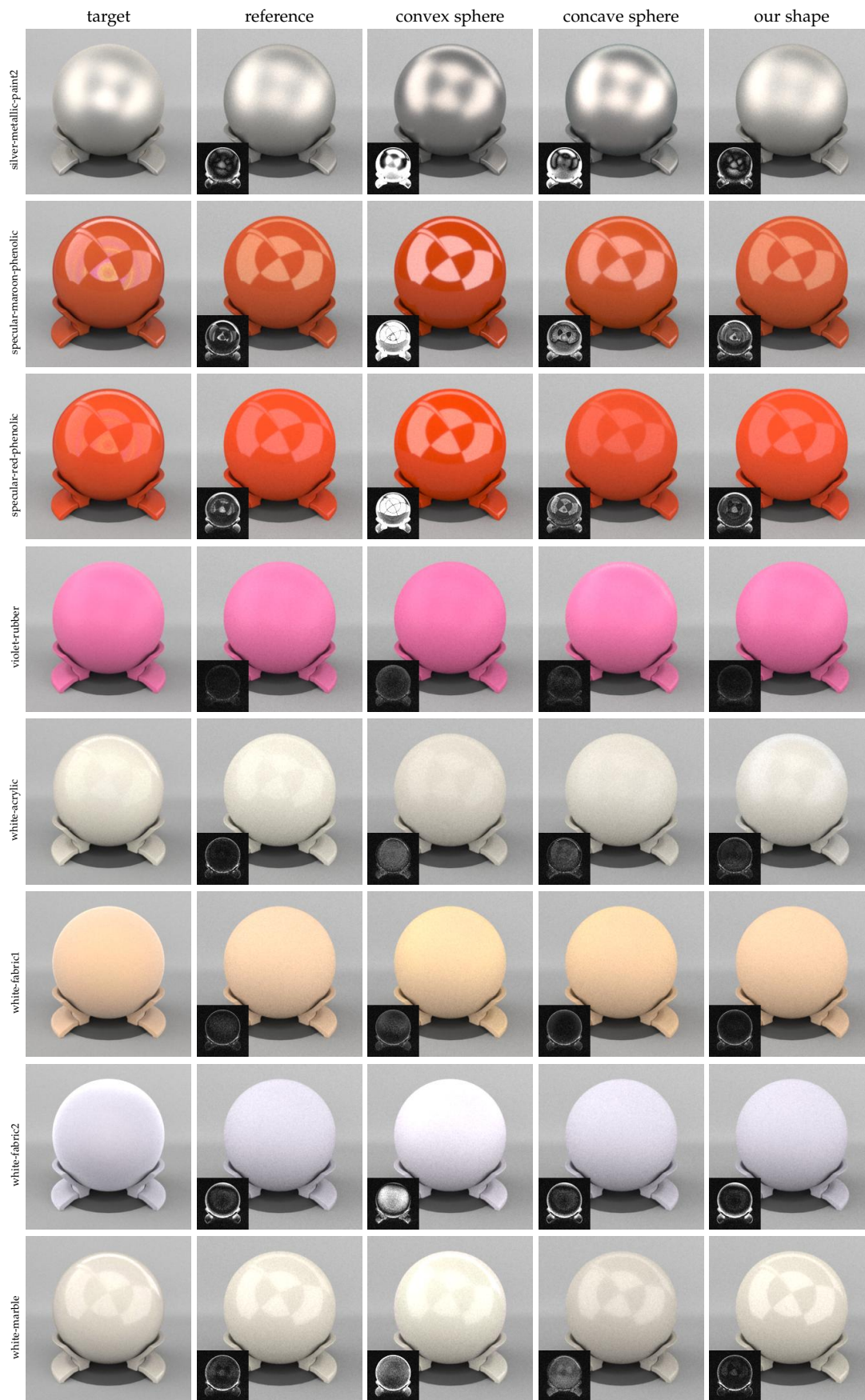


Fig. 3. Reconstructed BRDF for single Image

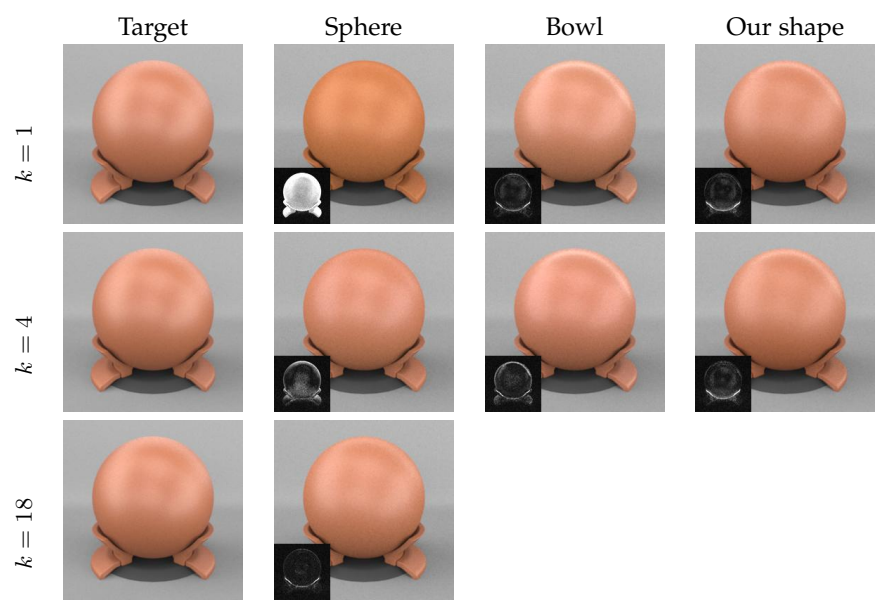
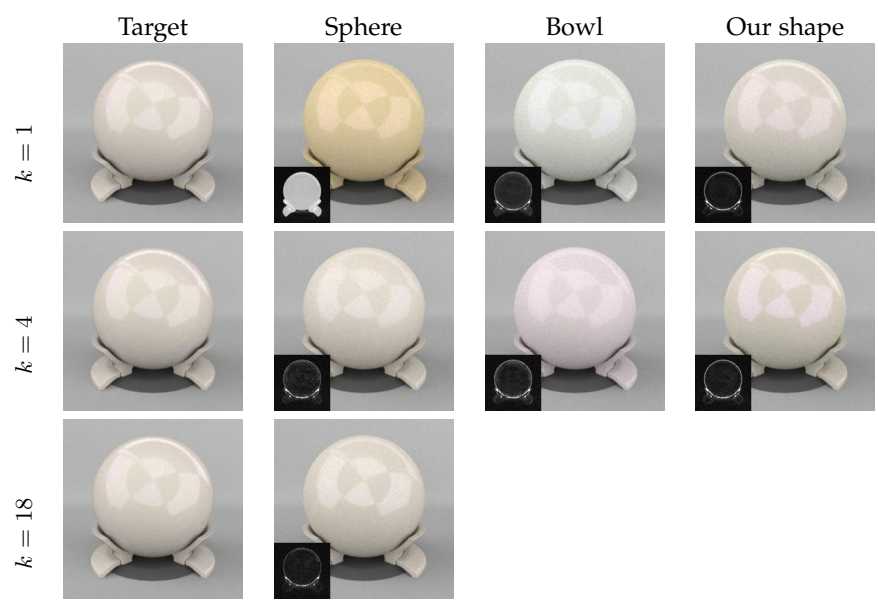
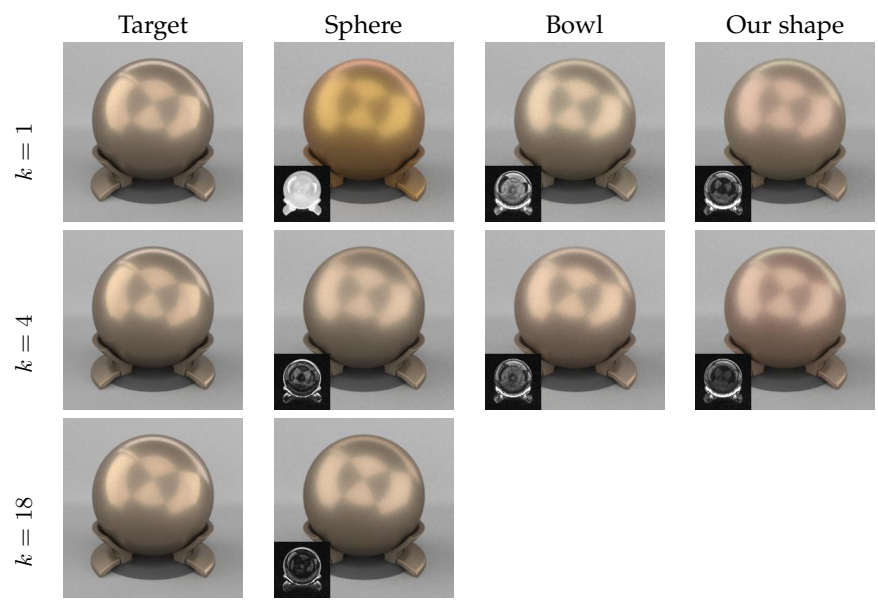


Figure 4: Multi-view results

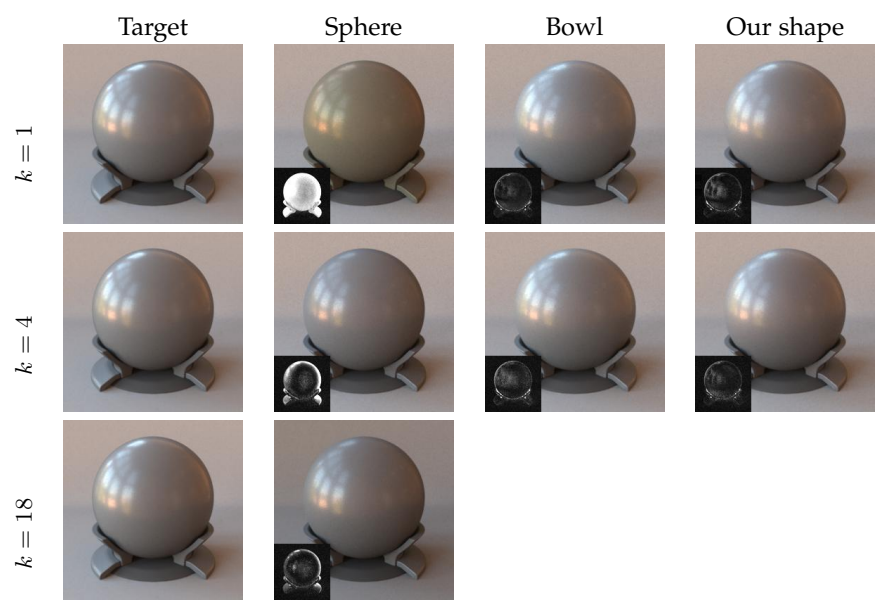
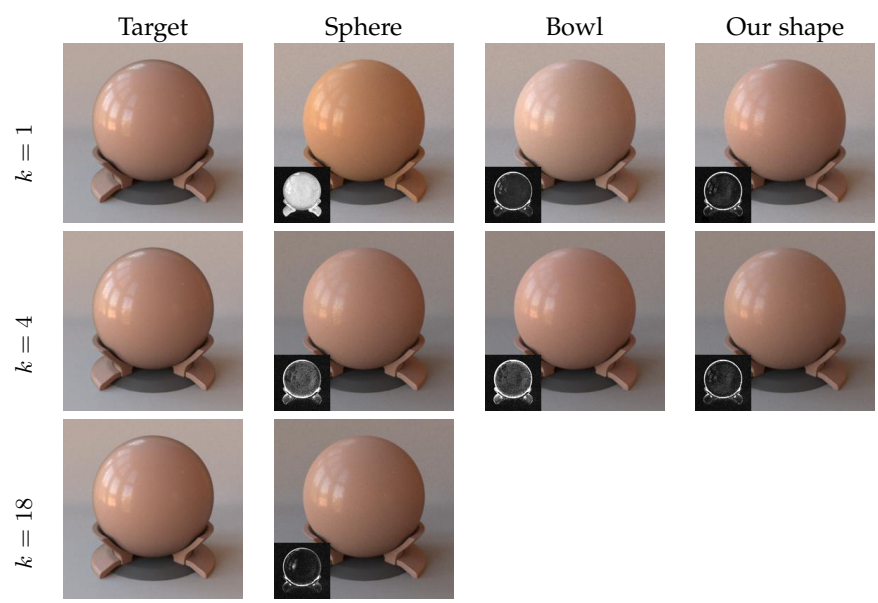
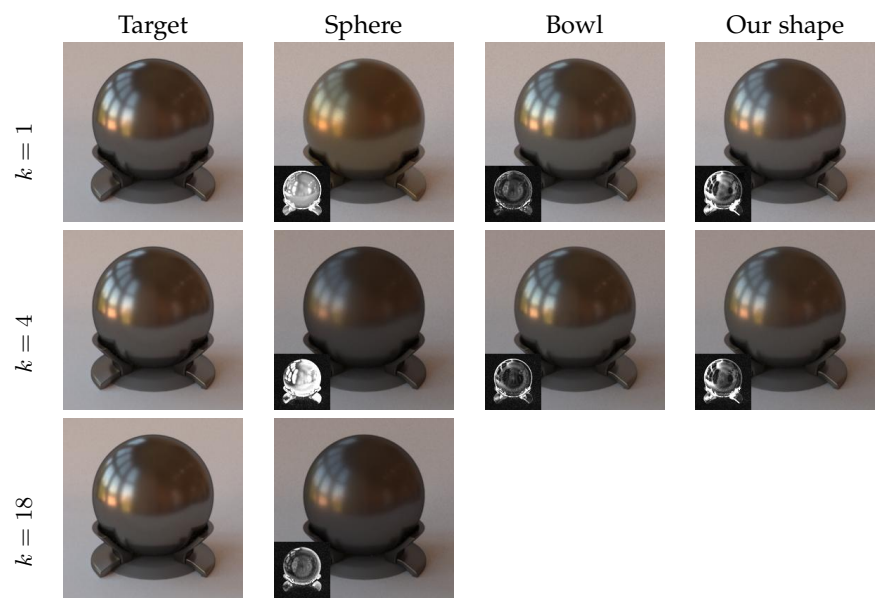


Figure 5: Multi-view results

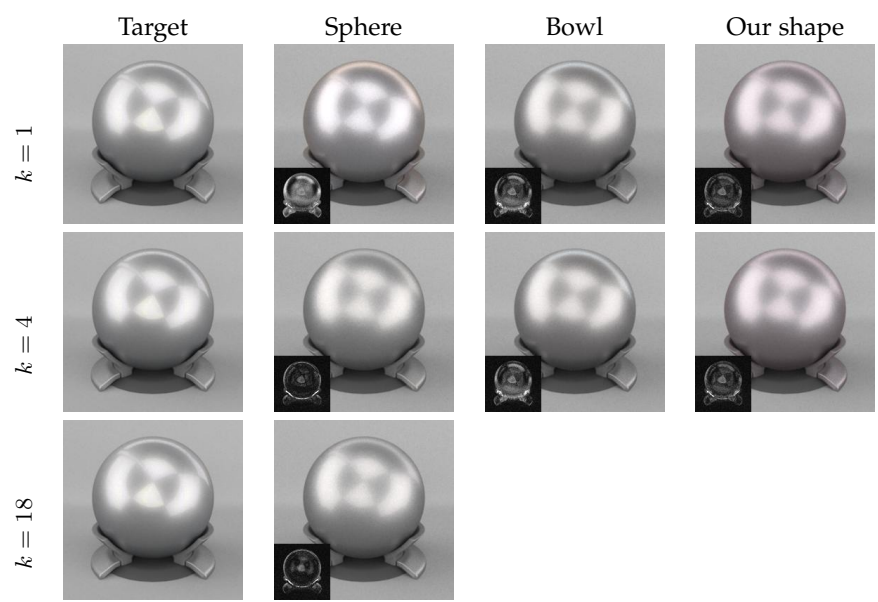
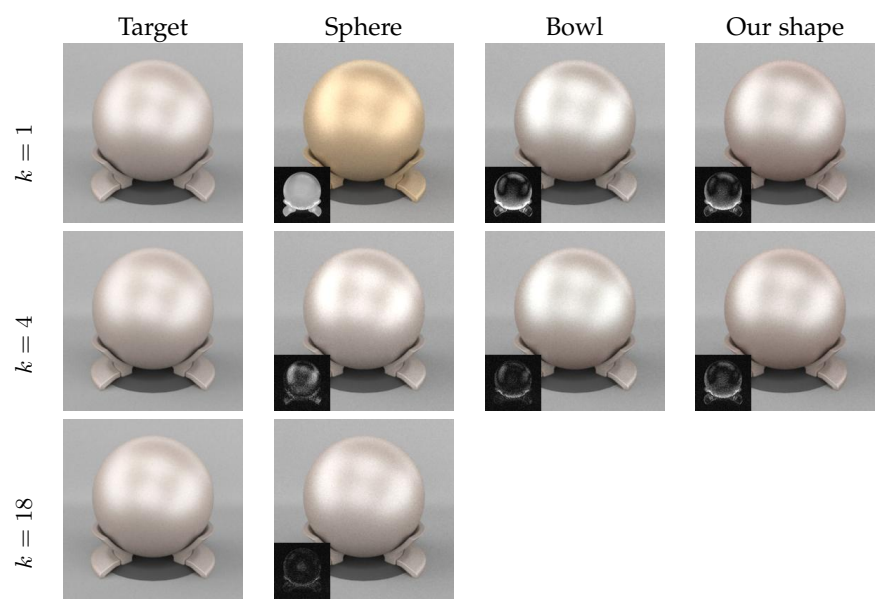
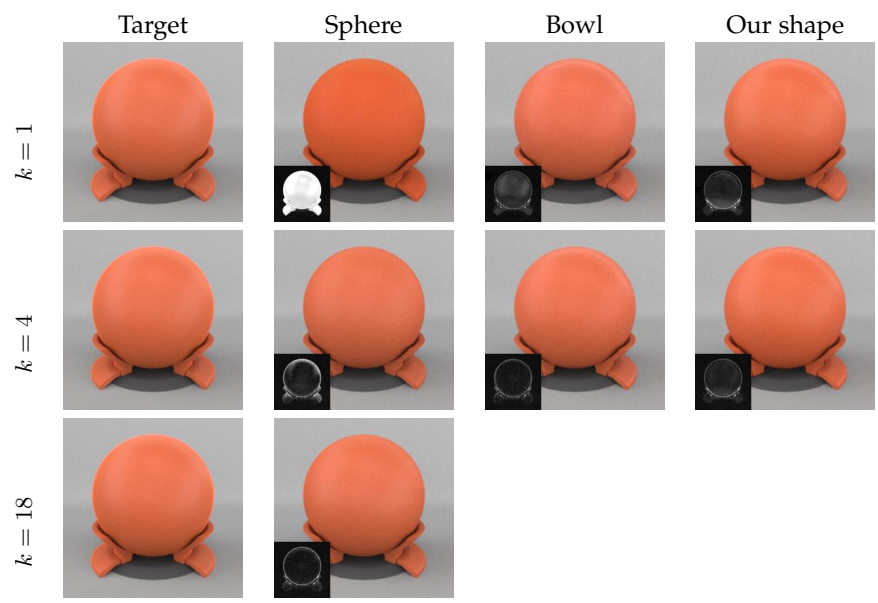


Fig. 2. Multi-view results

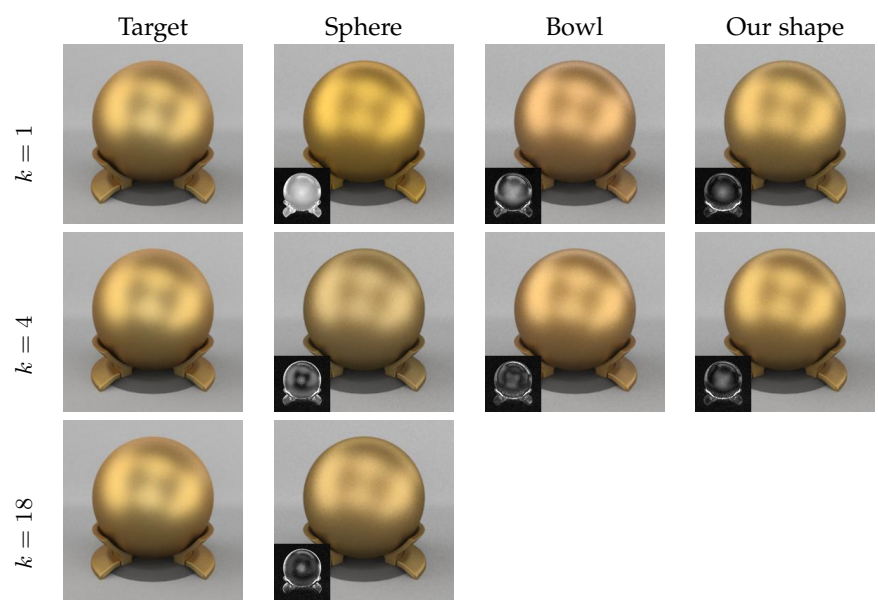
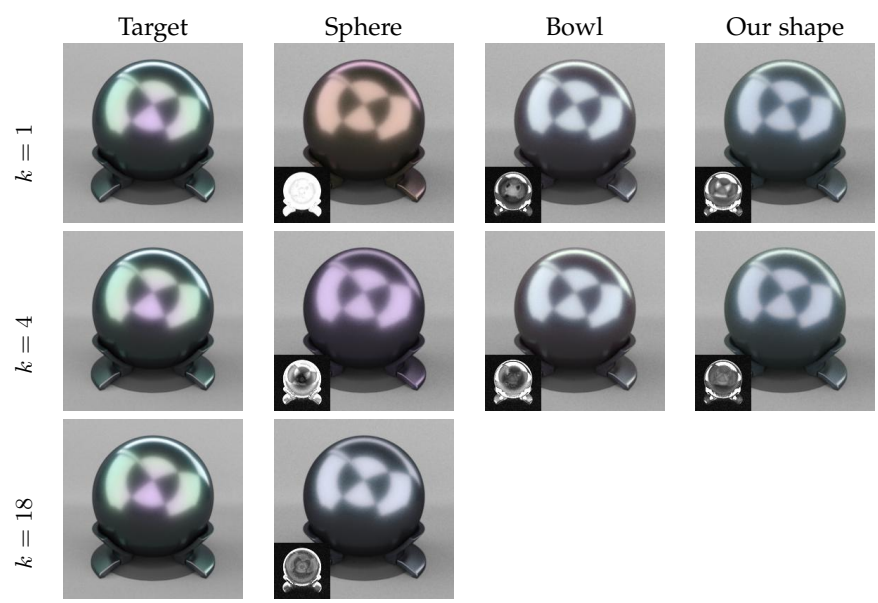
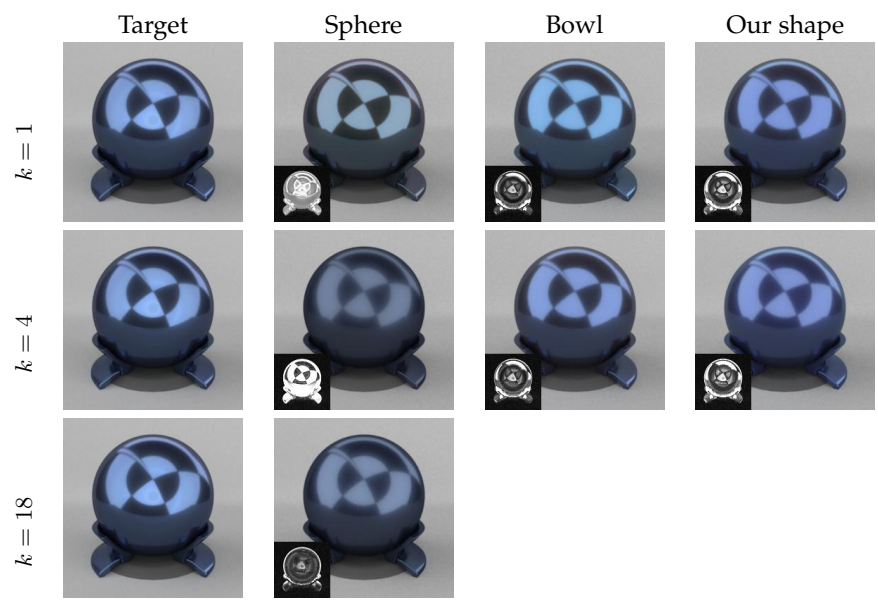


Figure 4: Multi-view results

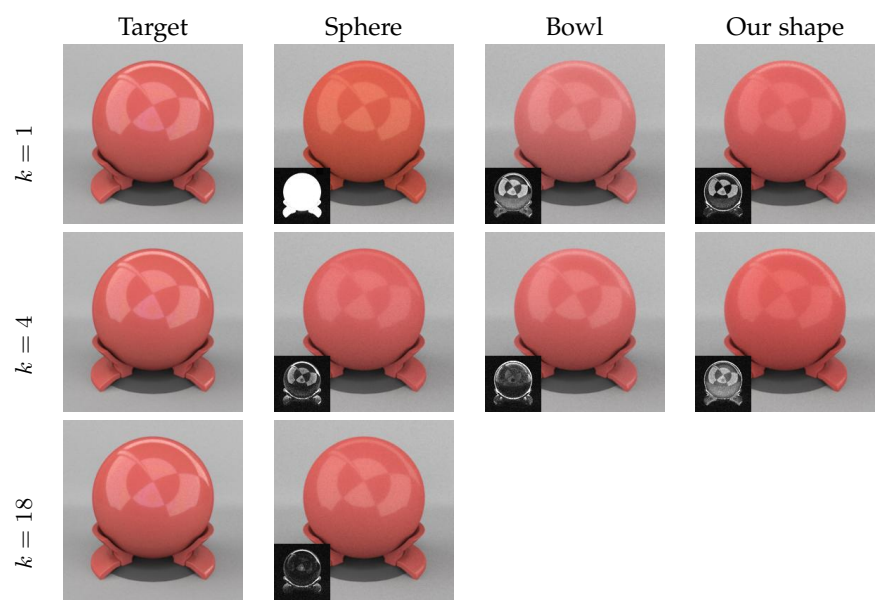
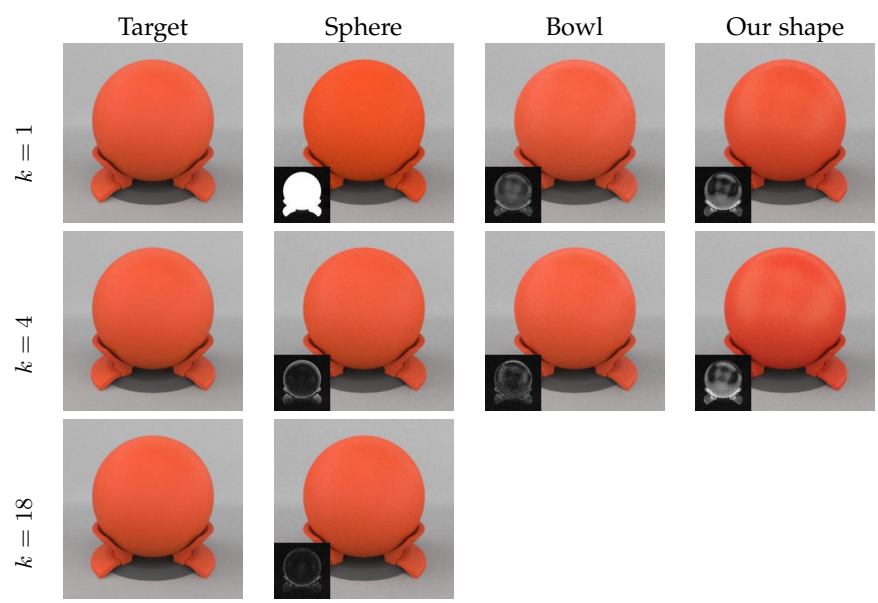
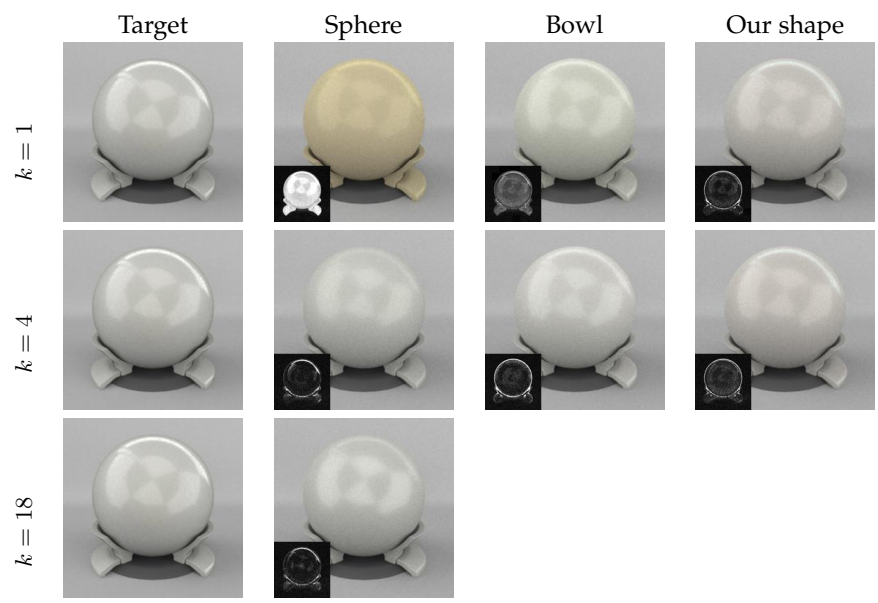


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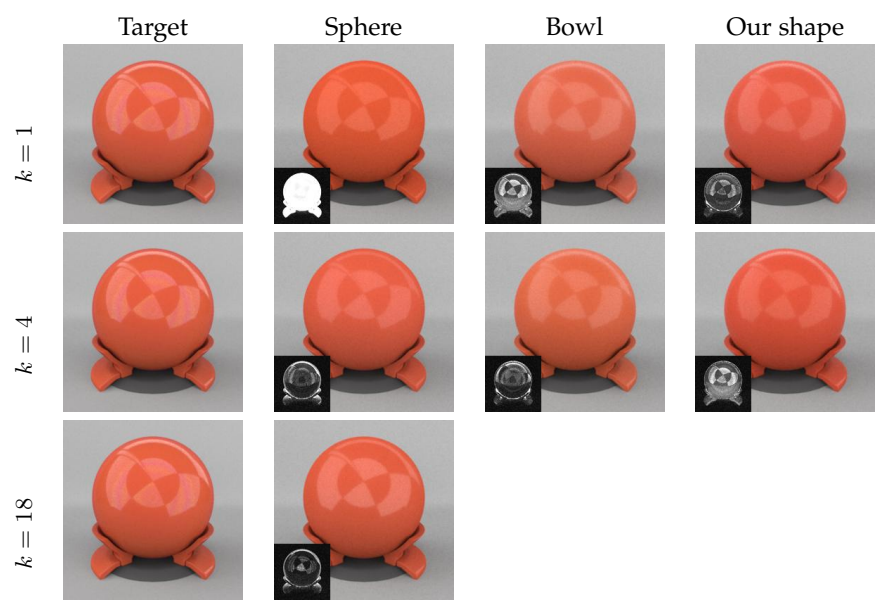
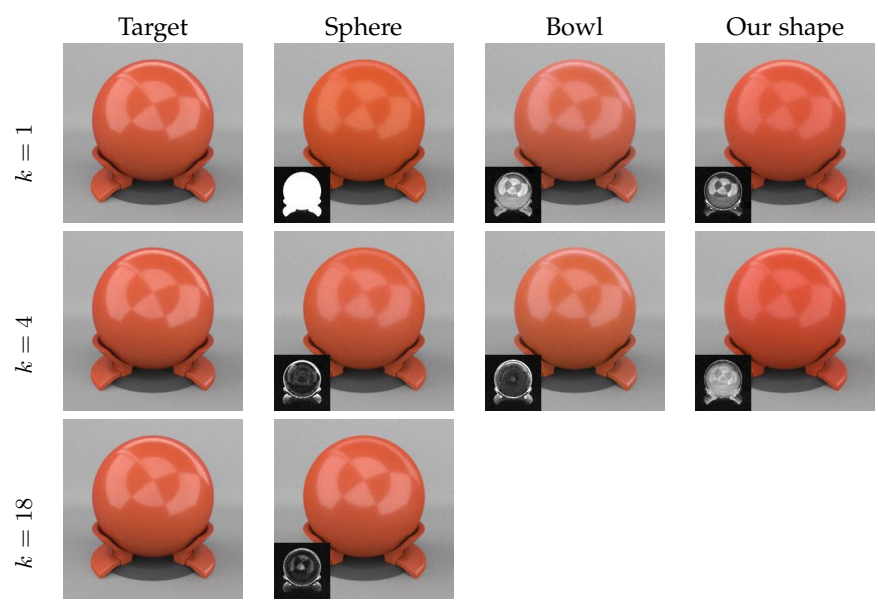
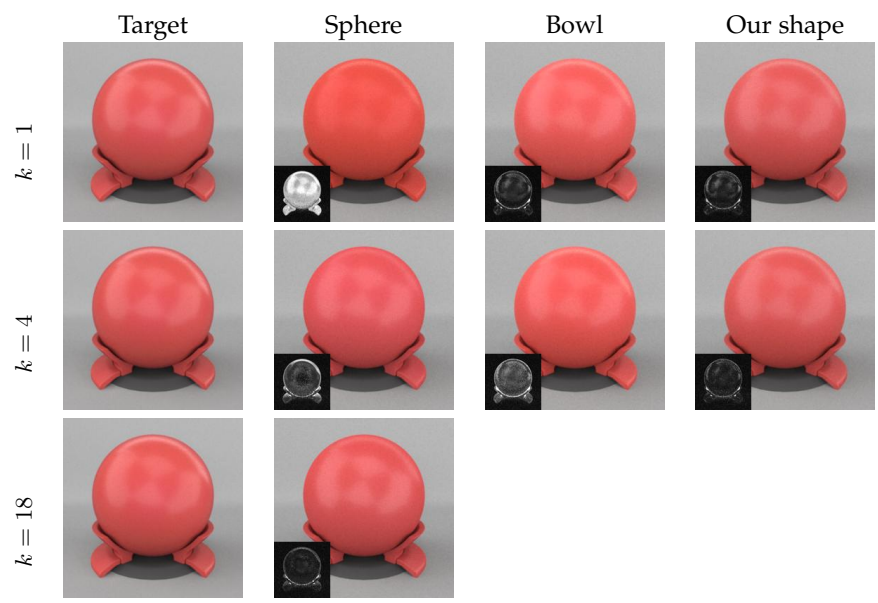


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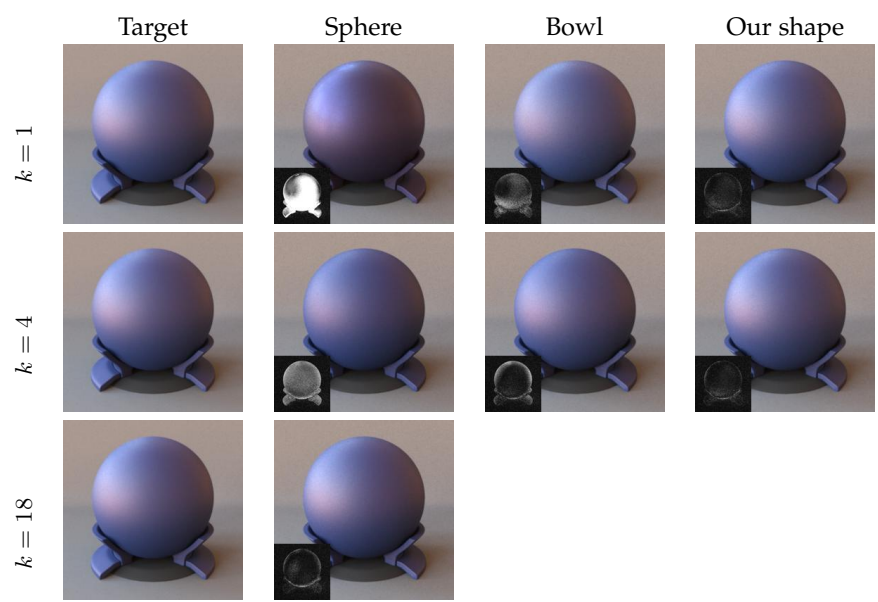
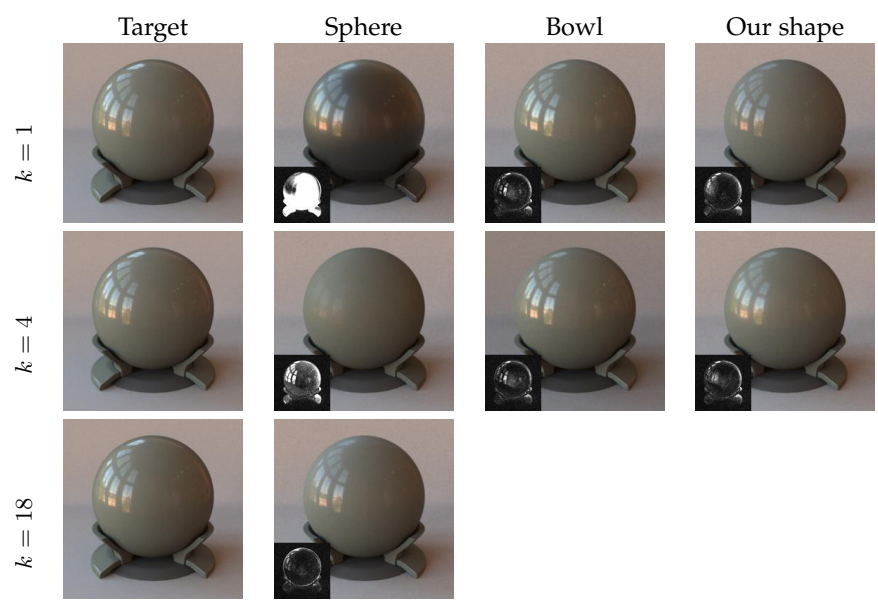
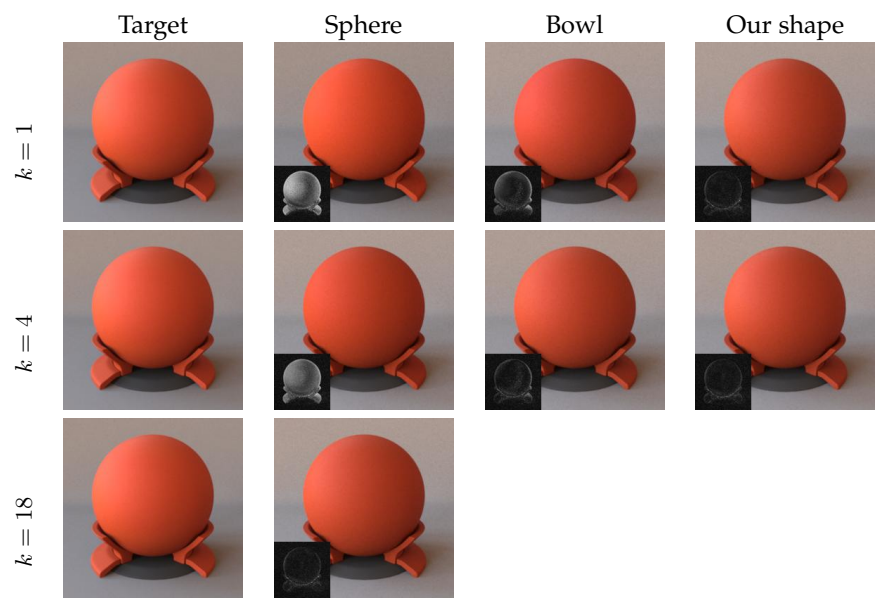


Fig. 12. Multiple views

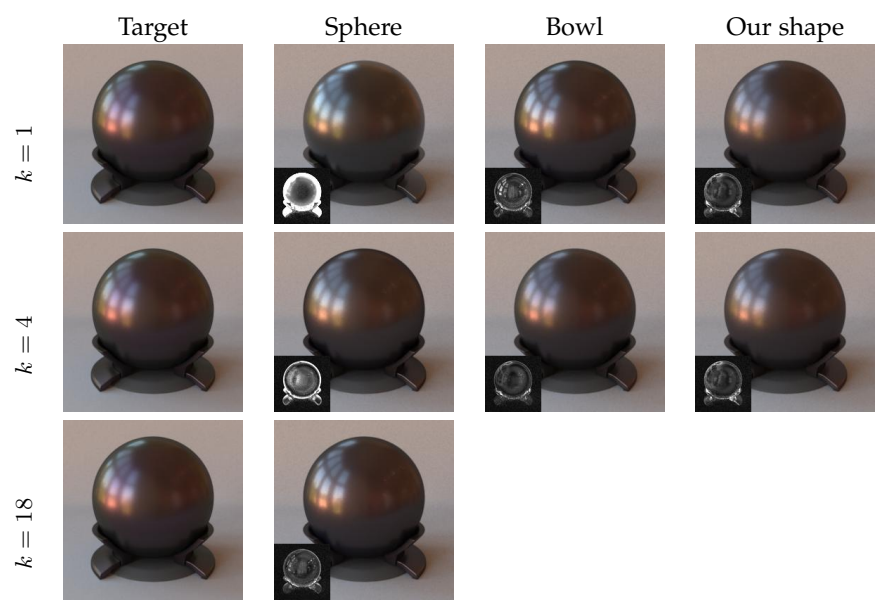
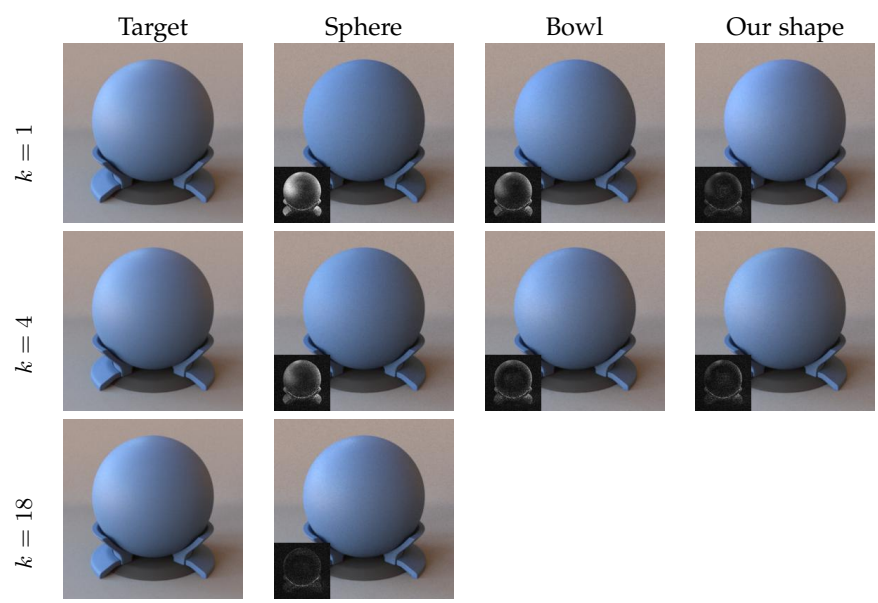
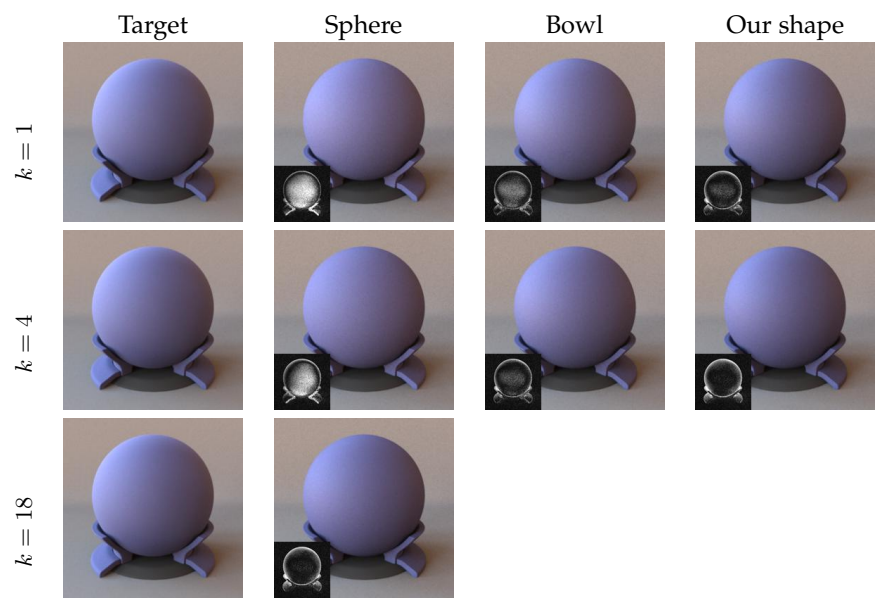


Figure 4: Multiple views

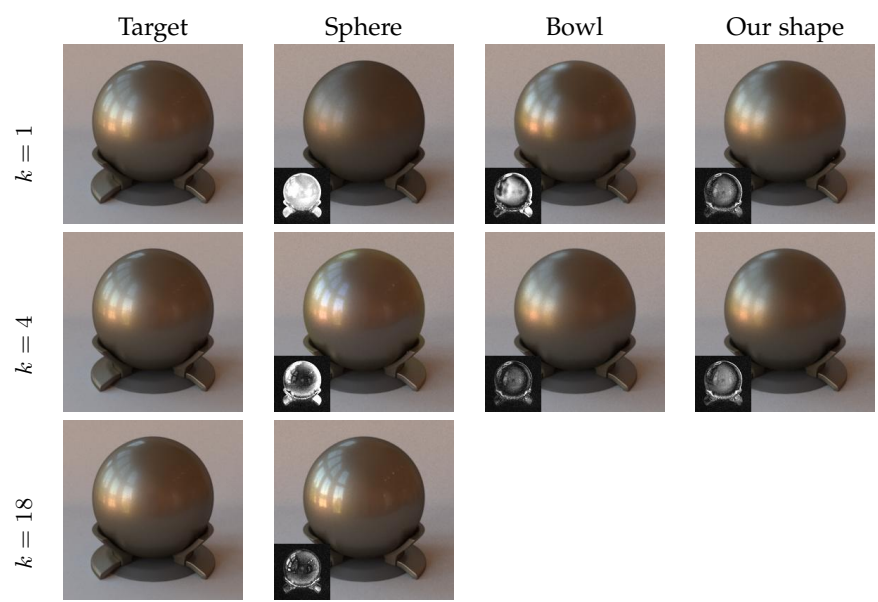
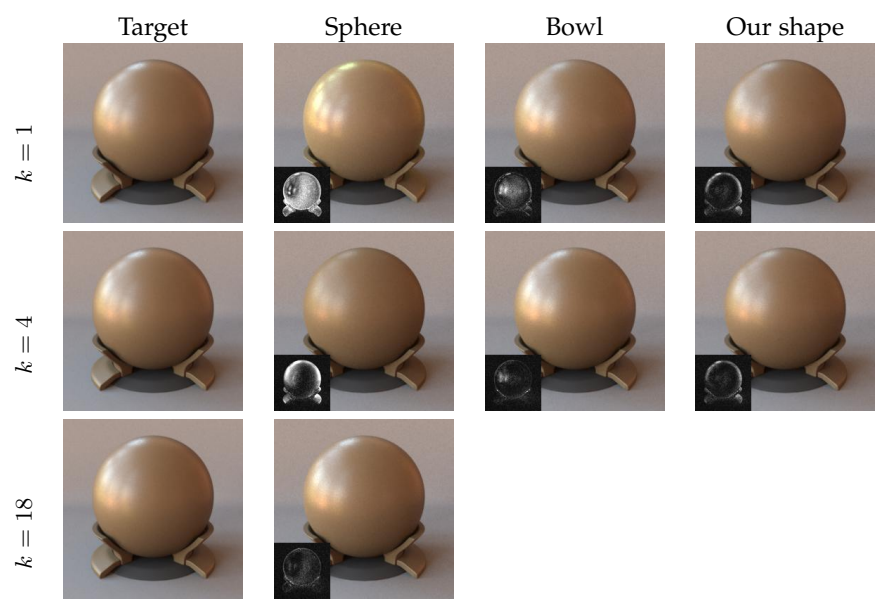
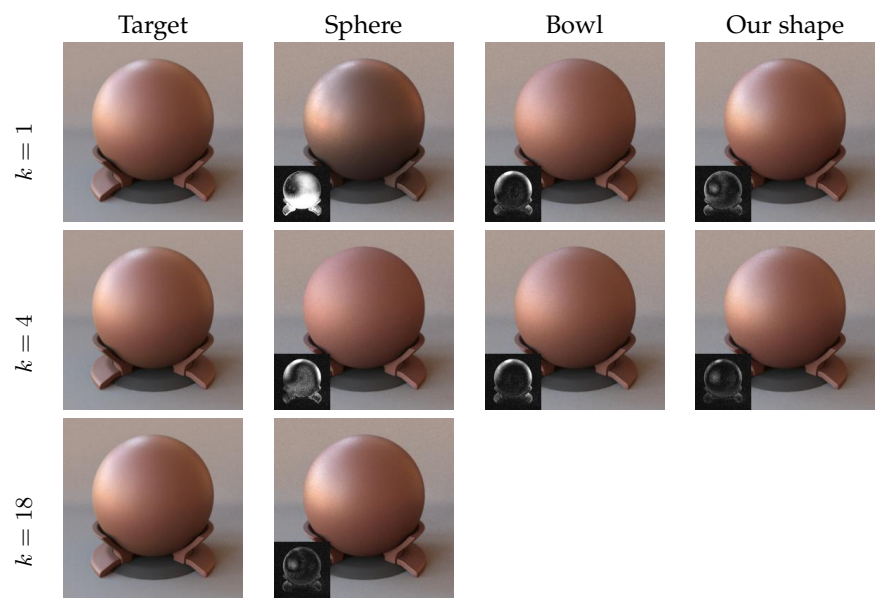


Figure 12: Multiple views

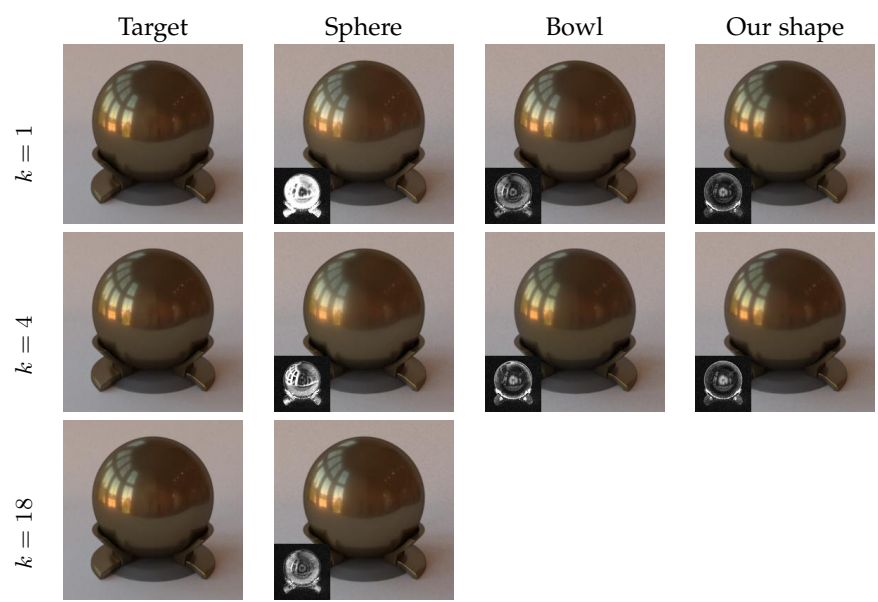
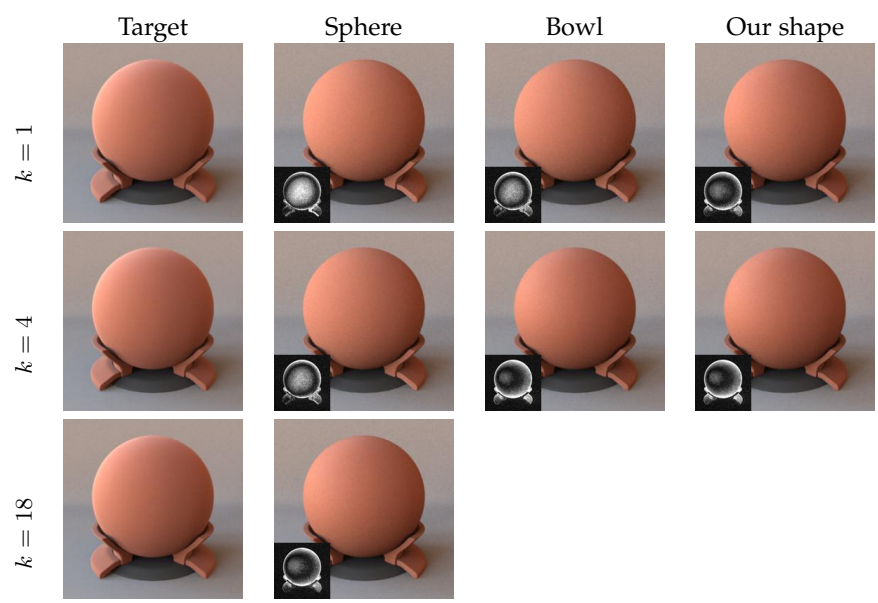
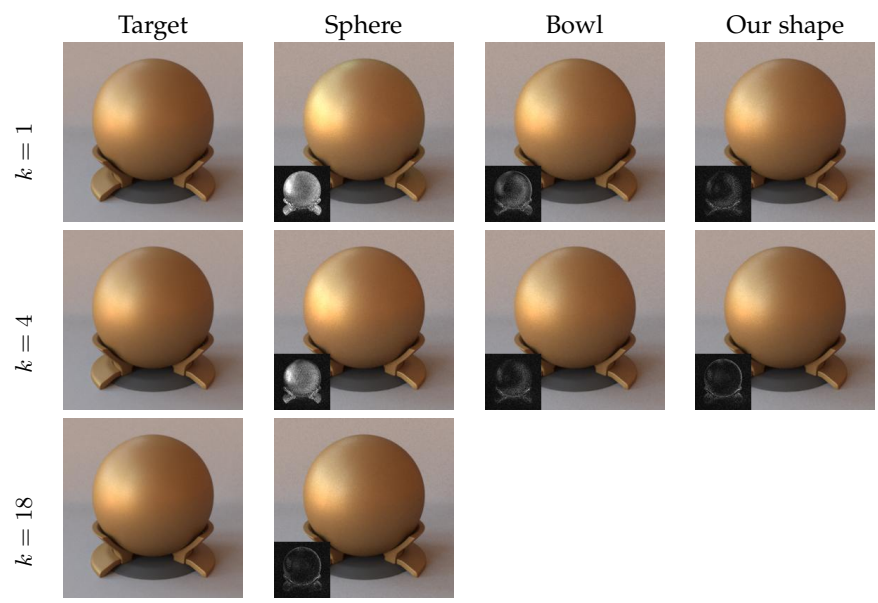


Figure 12: Multi-view results

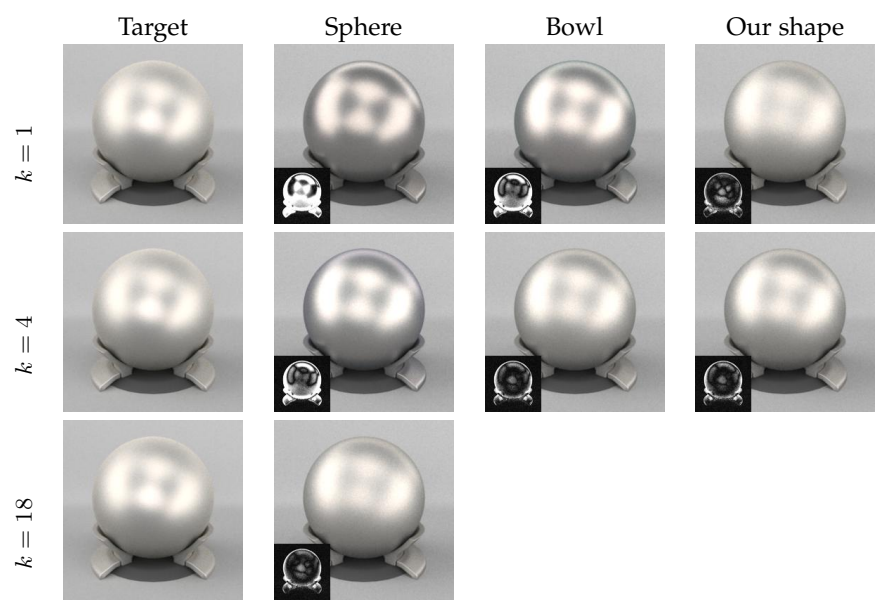
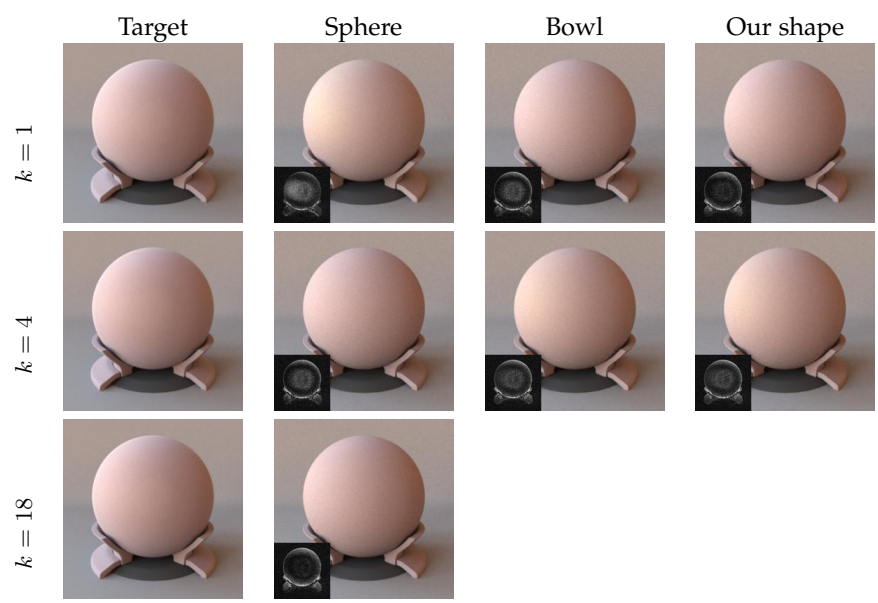
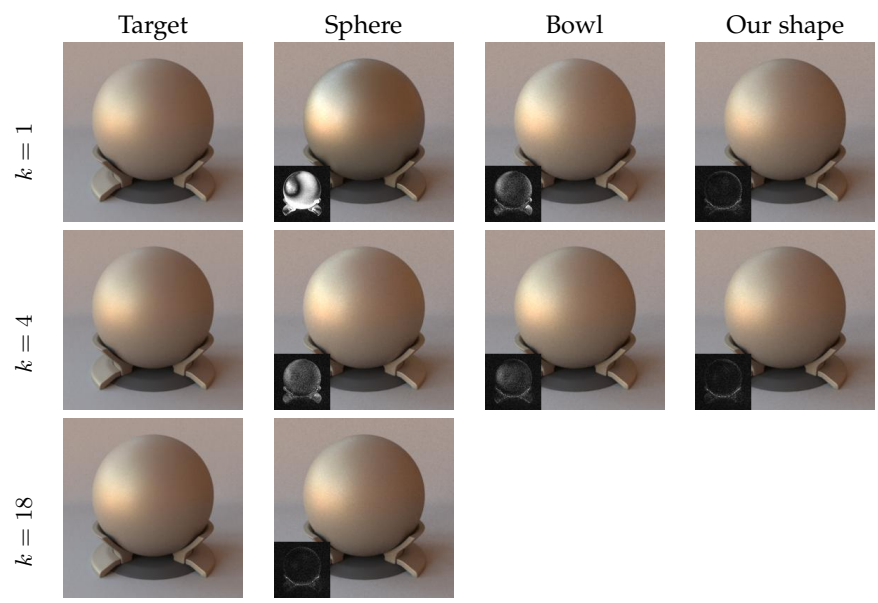


Figure 14: Multiple views of

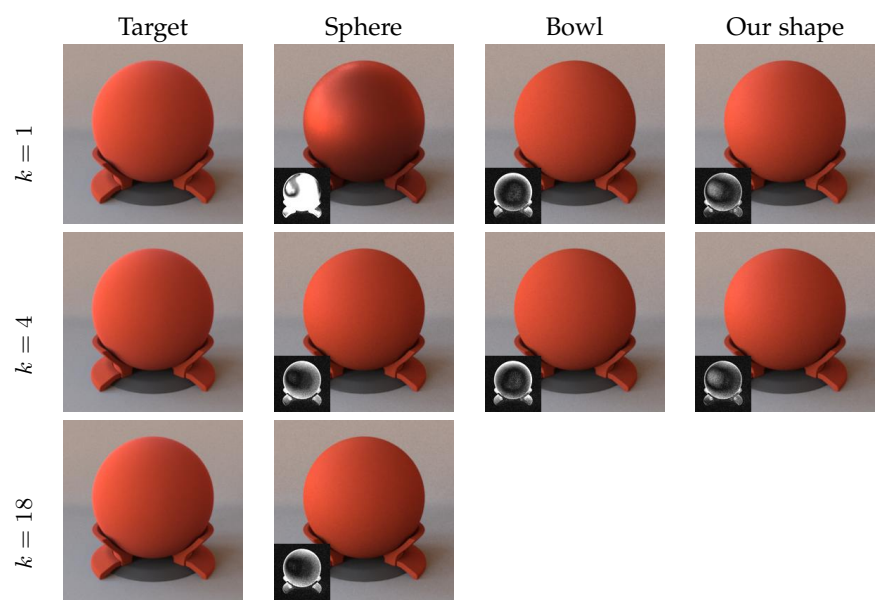
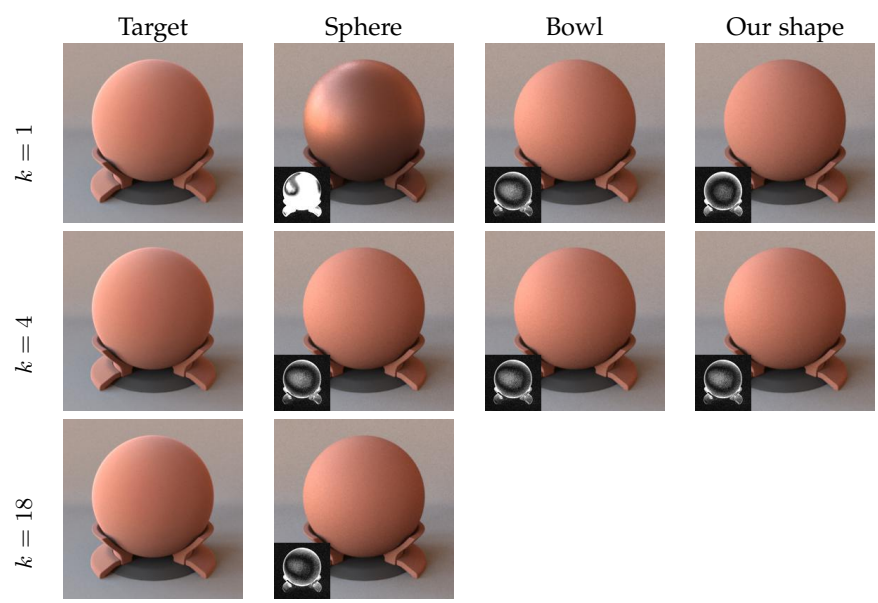
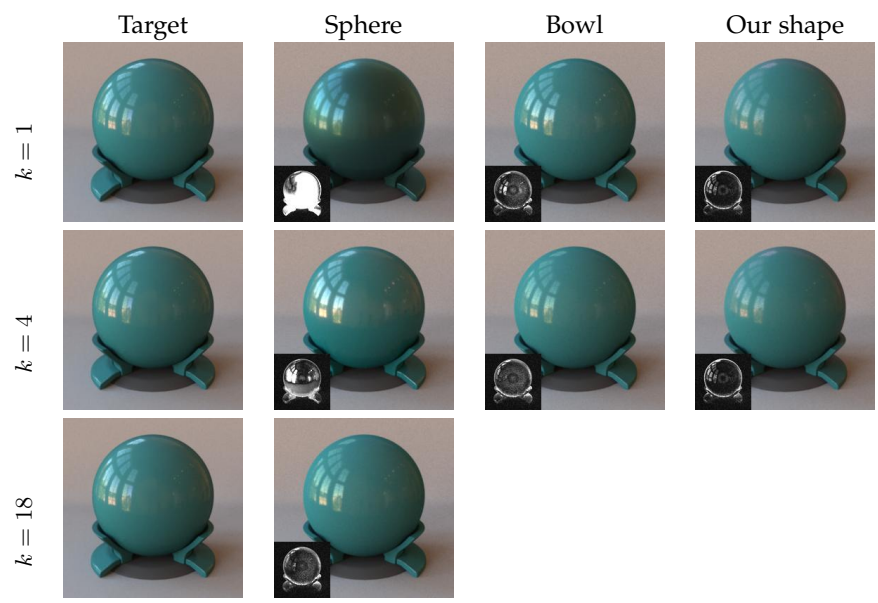


Fig. 15. Multiple colors

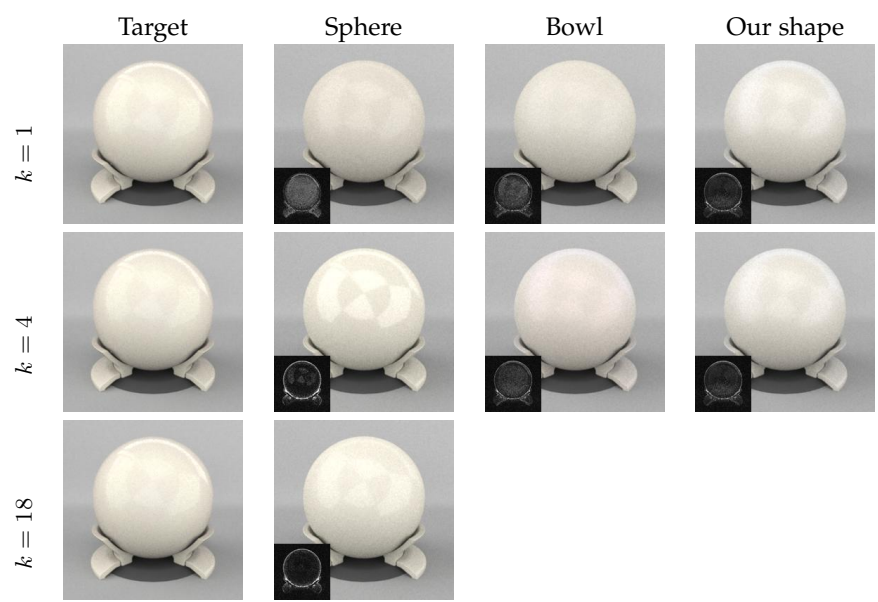
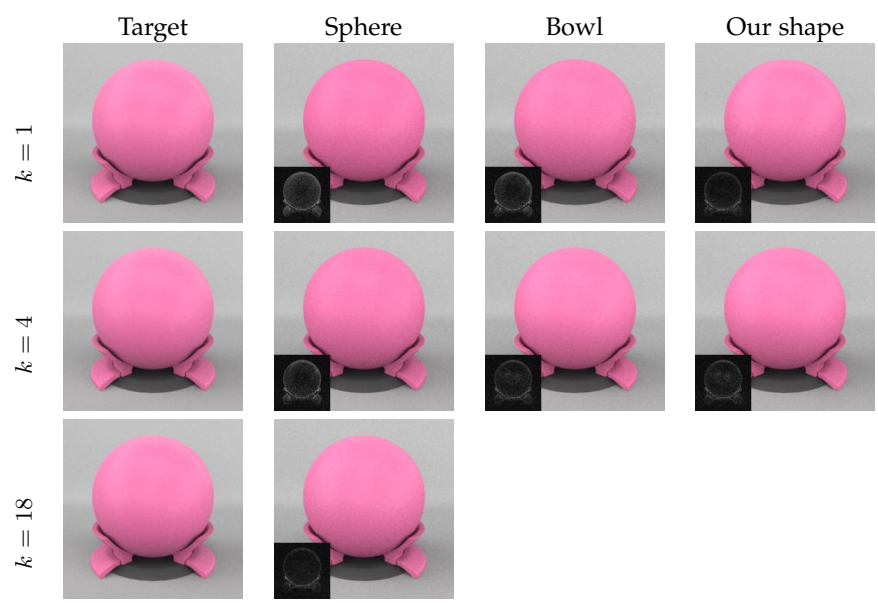
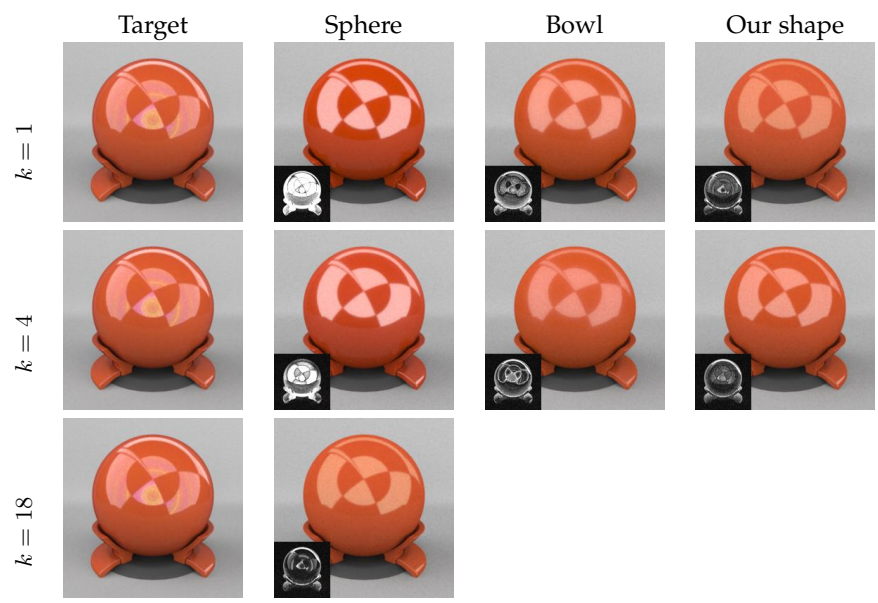


Fig. 12. Multi-view results.

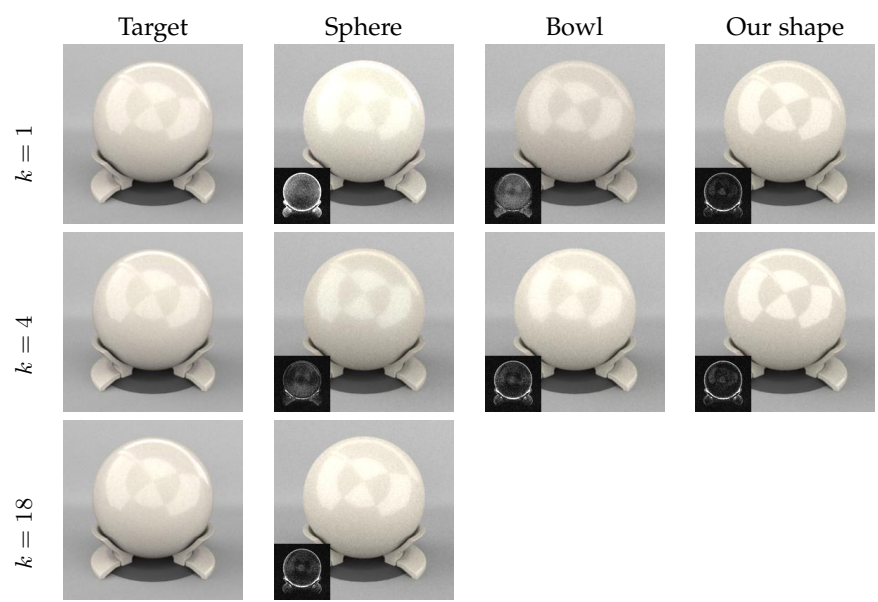
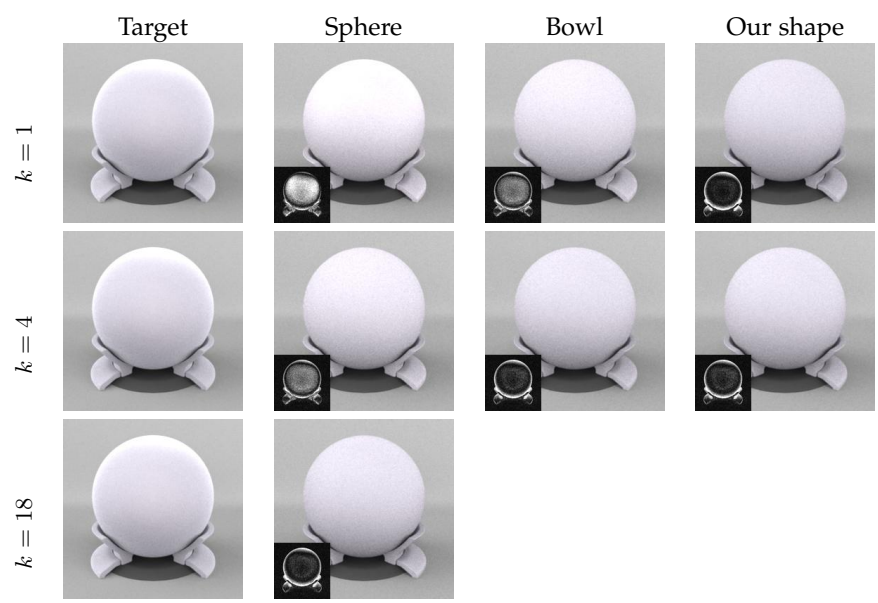
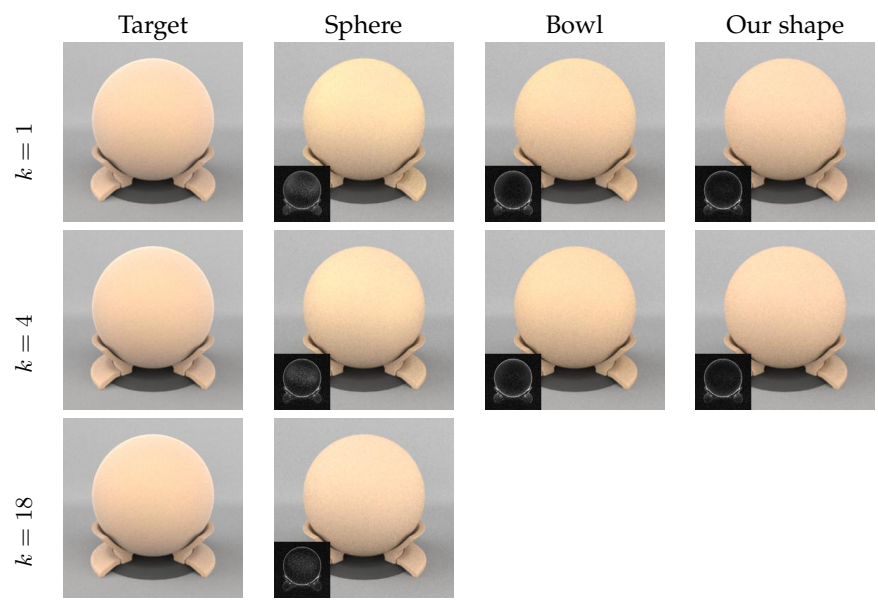


Fig. 15. Multi-view results

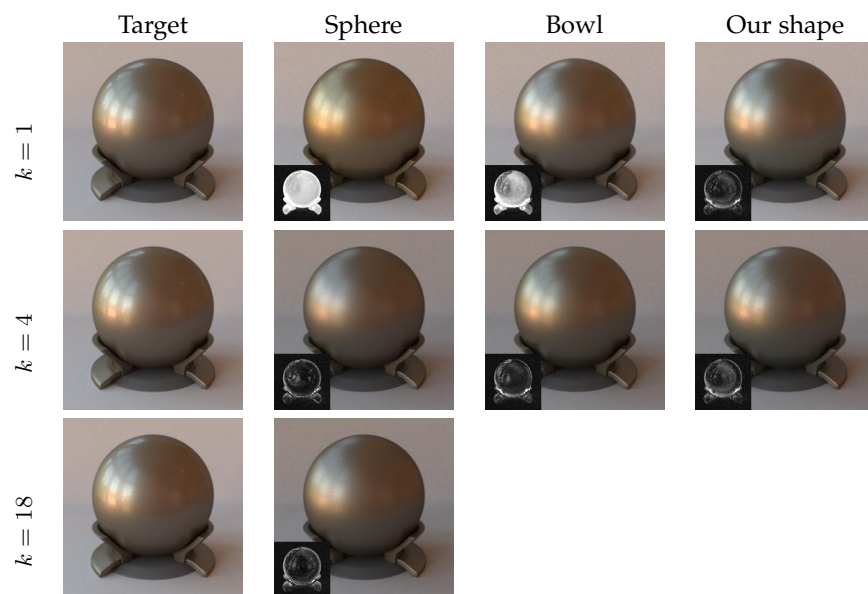


Fig. 18. Multi Images results.