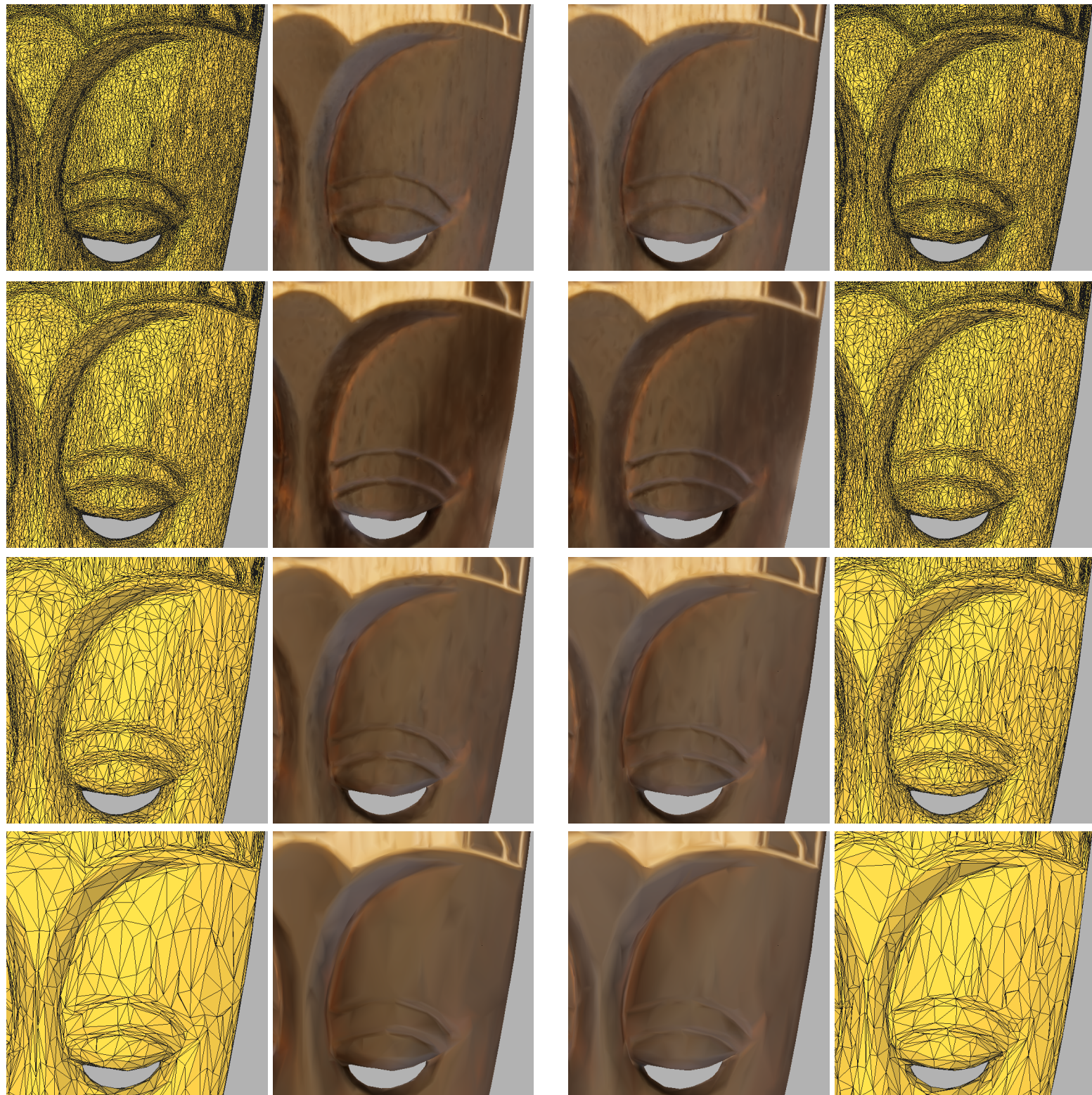


# Simplification of Meshes with Digitized Radiance

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Polynomials (bi-degree 2)

Spherical harmonics (degree 2)



**Online Resource 1** Comparison of polynomials and spherical harmonics. Simplification is processed using our metric on radiance functions. The results slightly differ because the functions are not exactly the same. Our algorithms do not depend on the choice of the basis which is left to the final user.