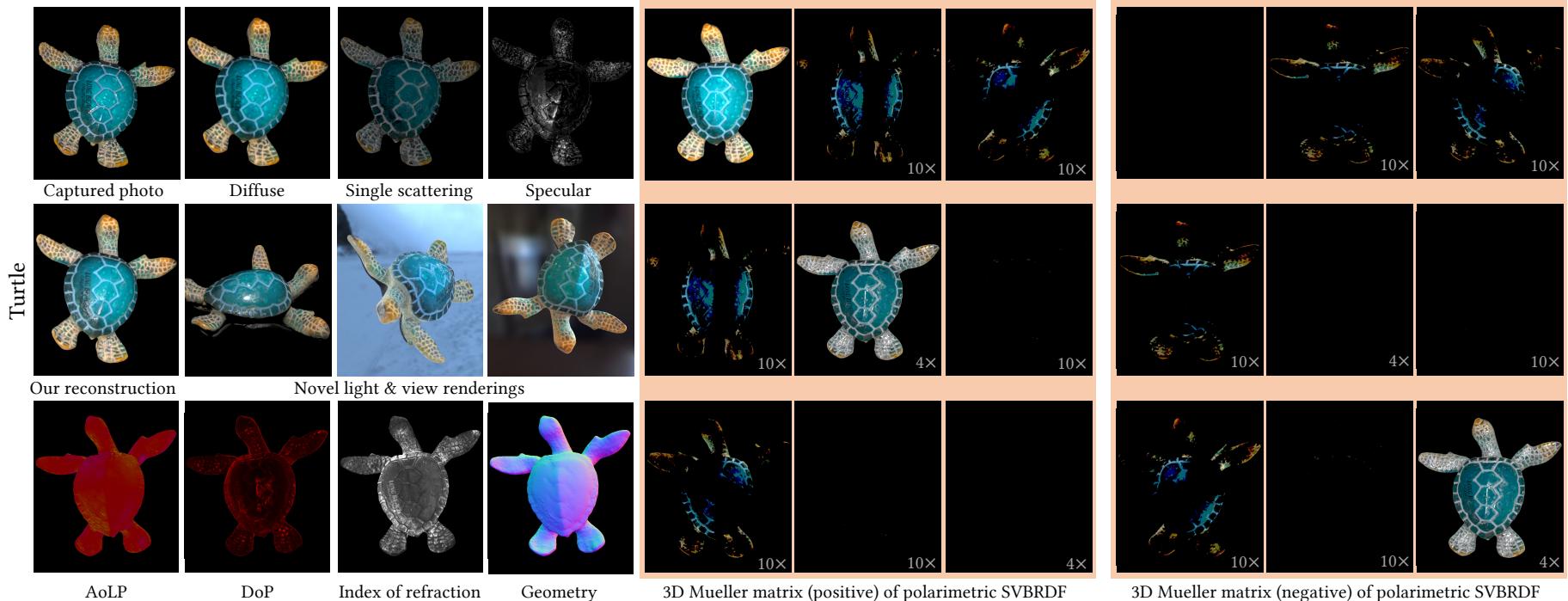


# Sparse Ellipsometry: Portable Acquisition of Polarimetric SVBRDF and Shape with Unstructured Flash Photography

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Diego Gutierrez, Xin Tong, Min H. Kim

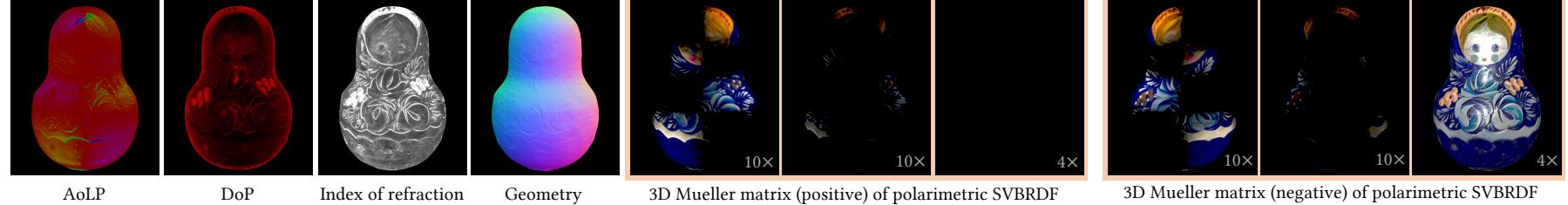
## Additional Results

Index	Objects	# of images
1	Turtle	332
2	Matryoshka	226
3	Owl	154
4	Chicken	239
5	Earth	96





Captured photo      Diffuse      Single scattering      Specular      10×      10×



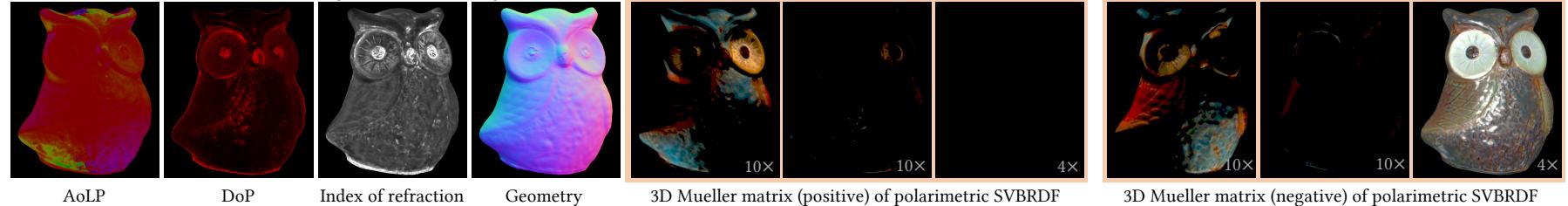
Our reconstruction      Novel light & view renderings      10×      4×      10×



Captured photo      Diffuse      Single scattering      Specular      10×      10×



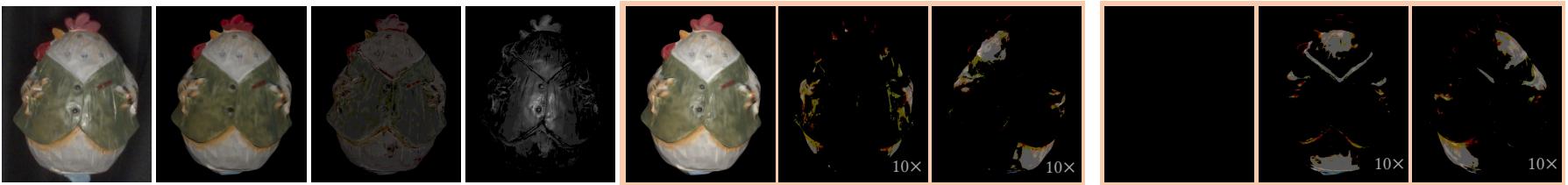
Our reconstruction      Novel light & view renderings      10×      4×      10×



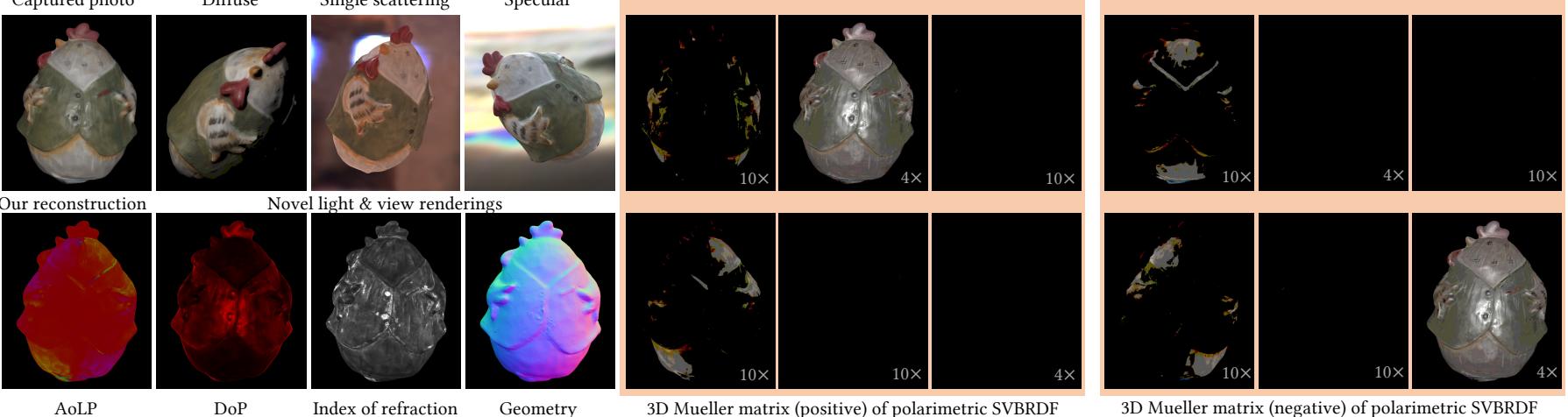
AoLP      DoP      Index of refraction      Geometry      10×      10×      4×

3D Mueller matrix (positive) of polarimetric SVBRDF      3D Mueller matrix (negative) of polarimetric SVBRDF

Owl



Chicken



Earth

