

# Passive three-dimensional imaging with rotating point spread functions

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## **Abstract**

We design efficient diffractive optical elements to generate rotating point spread functions for incoherent three-dimensional computational imaging systems. Higher diffraction efficiency is important for increasing signal-to-noise and accuracy. We present examples of three-dimensional information retrieval.

## **References**

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- [2] A. Greengard, Y. Y. Schechner, and R. Piestun, "Depth from diffracted rotation," *Opt. Lett.* **31**, 181-183 (2006).