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Winter College on Optics in Imaging Science

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Gabor's Hologram

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Reconstruction by non-scalable convolution approach

In this notebook is coded the reconstruction algorithm proposed by Repetto et al. Am.J.Phys.72 (7) July 2004:"Gabor's Hologram in a modern perspective". Units in milimeters

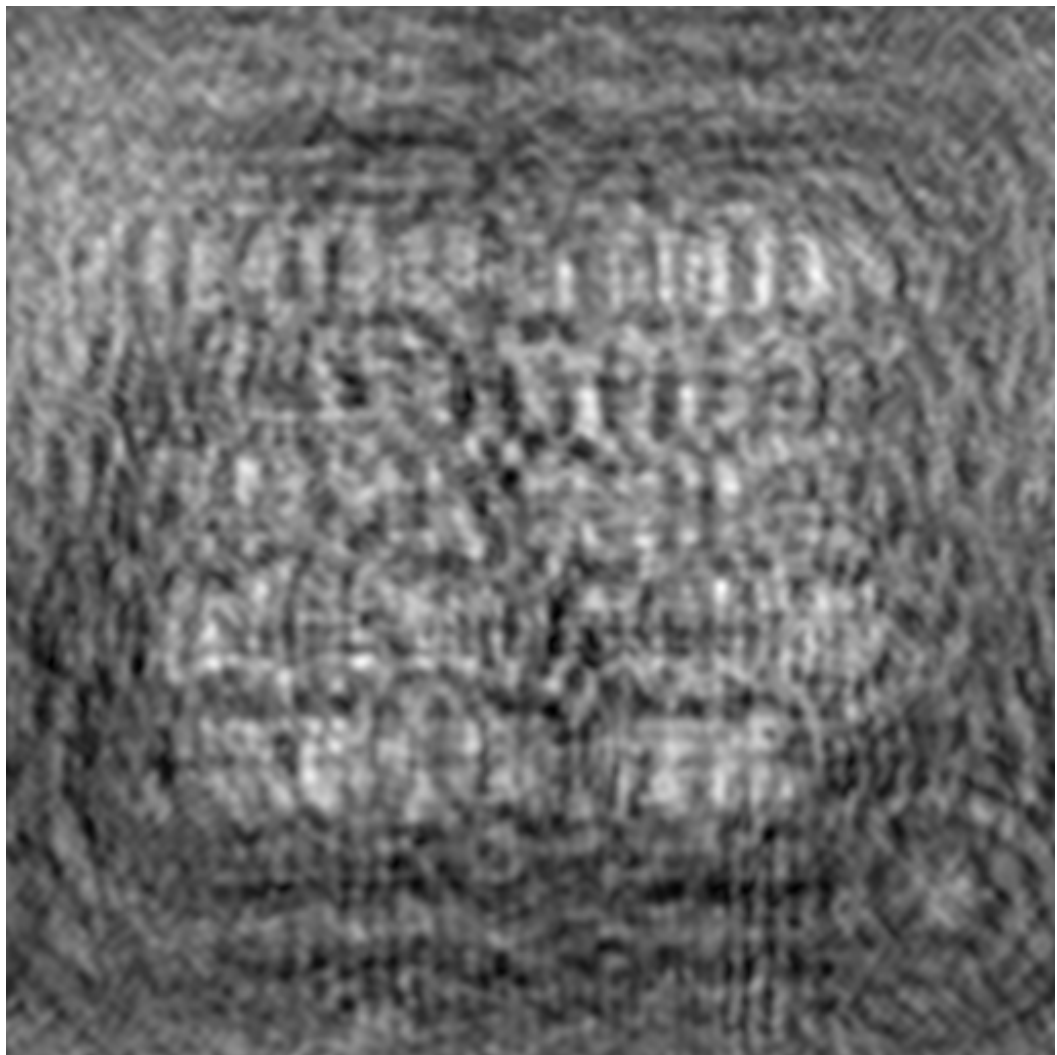
Function Definitions

Gabor's Hologram





Reconstruction of Gabor's Holograms



HERTZ, HUYGENS

WOMB, FRESNEL

FARADAY, MAXWELL

KIRCHHOFF, PLANCK

EINSTEIN, BORN

