

Stanford

Joseph Goodman

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Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Electrical Engineering

Publications

PUBLICATIONS

- **Comparison of methods for exploiting symmetry in calculating the Fourier spectra of circularly symmetric functions** *OPTICAL ENGINEERING*
Goodman, J. W.
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- **Coherent superresolution imaging via grating-based illumination** *APPLIED OPTICS*
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- **Speckle: Friend or Foe?** *3rd International Topical Meeting on Optical Sensing and Artificial Vision (OSAV)*
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- **Forward and Backward Propagation in Positive and Negative Index Materials** *Conference on Tribute to H John Caulfield*
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- **Very efficient speckle contrast reduction realized by moving diffuser device** *APPLIED OPTICS*
Kubota, S., Goodman, J. W.
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- **Some Properties of Speckle from "Smooth" Surfaces** *International Conference on Advanced Phase Measurement Methods in Optics and Imaging*
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- **Speckle with a finite number of steps** *APPLIED OPTICS*
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- **The ubiquitous speckle phenomenon** *Conference on Speckles, From Grains to Flowers*
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- **Image systems engineering at Stanford** *International Conference on Image Processing (ICIP-96)*
Goodman, J. W., Wandell, B. A.
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- **Panel discussion - The roles of university and industry in developing optical interconnect systems** *3rd International Conference on Massively Parallel Processing Using Optical Interconnections (MPPOI 96)*

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 - **A sixteen channel acousto-fiber-optic barrel shifter** *Conference on Photonic Device Engineering for Dual-Use Applications*
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 - **OPTICAL AMPLIFIERS AND LIQUID-CRYSTAL SHUTTERS APPLIED TO ELECTRICALLY RECONFIGURABLE FIBER OPTIC SIGNAL PROCESSORS** *OPTICAL ENGINEERING*
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 - **SPACE DIVISION SWITCHES BASED ON SEMICONDUCTOR OPTICAL AMPLIFIERS** *IEEE PHOTONICS TECHNOLOGY LETTERS*
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