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Contributions to optics education (1995). He is a Fellow of the OSA, the SPIE, and the IEEE. In 1987 he was elected to the National Academy of Engineering. In addition to Introduction to Fourier Optics, Dr. Goodman is the author of Statistical Optics (J. Wiley & Sons, 1985) and the editor of International Trends in Optics (Academic Press, 1991).

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He is the author of approximately 220 technical publications, including the textbooks Introduction to Fourier Optics (1968, Second Edition 1996, Third Edition 2005, Fourth Edition 2017), Statistical Optics (1985, Second Edition 2015), Speckle Phenomena in Optics (2006, Second Edition 2020) and (with R.M. Gray) Fourier Transforms: An Introduction for Engineers (1995).

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