

Eric A. Herman

Professional Experience

2022-Present Staff Corporation
Engineering Intern, Control Vision, Inc.
Junior Optical Design Engineer, Edmund Optics

Education

2014 M.S. Degree in Optical Sciences and Engineering, University of Arizona
2012 B.S. Degree in Optical Sciences and Engineering, University of Arizona
2009 A.A. Degree in Laser/Electro-Optics and Fiber Optic Technology, Camden County College

Eric Herman is an optical engineer with a focus on optical design, analysis, and tolerancing. His experience varies across many different applications, from biomedical to space systems. He has experience with taking a design from concept to successful end use and is an expert in international standards, with a focus on lens specification and environmental testing.

Published Book

E. Herman, D. M. Aikens, and R. N. Youngworth, *Modern Optics Drawings: The ISO 10110 Companion* (SPIE, 2021)

Publications

N. Takaki and E. Herman, "The continued importance of the Abbe sine condition," Proc. SPIE 12798, 1279815 (2024).

B. Crowther, E. Herman, "An Athermalization Strategy for Compact A20 .9 (72Ba)-1.1 (org23011.5256. (2030 2D (1)4w.FE

Professional Societies

Senior Member SPIE
Member Optica, formerly Optical Society of America

Professional Activities

Director-At-Large (2019 – 2023), Optics and Electro-Optics Standards Council
Chairperson (2023 – Present), Optics and Electro-Optics Standards Council
US Head of Delegation (2021 – Present), ISO TC 172/SC 3 “Optical materials and components”