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Simple method of correcting the aberrations of a beamsplitter in converging light Victor J. Doherty, David Shafer (1980)

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Aberrations of optical systems with large tilts and decentrations J.R. Rogers (1983)

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Aberration theory - a spectrum of design techniques for the perplexed David Shafer (1986)

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Design of high-performance aplanatic achromats for the near-ultraviolet waveband Tareq I.J. Al-Baho, R. C. Learner, Jonathan Maxwell, (1991)

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Design of reflective relay for soft x-ray lithography J. Michael Rodgers, Tanya E. Jewell, (1991)

Optical design of high-aperture aspherical projection lens Atsuo Osawa, Kyohei Fukuda, Kouji Hirata, (1991)

Single-element plastics aspherics: the economical approach to precision optics Ian Kenneth Pasco, (1993)

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Cooke triplet design: what's the best crown glass, and is it worth it? Warren J. Smith, (1997)

Dispersion of GRADIUM glasses from 350 to 2500 nm

Boyd V. Hunter, James M. Palmer, (1997)

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The sample problem: a comparative study of lens design programs and users Richard C. Juergens (1980)

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Diffractive

Application of a diffractive lens element to a lithographic projection lens Hitoshi Ohashi, Keiichi Kuba, Toshiro Okamura, Tetsuya Ishii, Yasuhiro Kamihara, (1995)

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Francois Houbre, Francoise Cau, G. Narcy, Pierre H. Chavel, (1996)

Diffractive lenses for dual-waveband IR

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Some interesting and unusual lenses

Rudolf Kiingslake (1980)

Unusual optical forms

D.T. Moore (1985)

Biocular magnifiers, a review

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The triplet: an "embarrassment of riches"

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Walter Woltche (1993)

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C. Smorenburg, (1997)

Development of the photographic objective

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Systematics of photographic lens types

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Walter Mandler (1980)

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G.L. McCrobie (1985)

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Beginning the design of a UV microscope objective

David M. Aikens, (1992)

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Tom D. Milster, Robert S. Upton, Hui Luo, (1997)

Offner-type pupil relay optics for a scanning system

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Mike Ivor Jones, (1991)

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Duncan T. Moore (1980)

Design of a gradient index binocular objective

Paul O. McLaughlin, Joseph J. Miceli, Duncan T. Moore, Danette P. Ryan, Joan M. Stagaman (1980)

Zoom lens design using GRIN materials

Hirofumi Tsuchida, Norihiko Aoki, Kazushi Hyakumura, Kimiaki Yamamoto, (1991)

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Optical design using large-scale axial gradient glass Mary G. Turner, Kenneth Eugene Moore, (1996)

Optical design with inhomogeneous glass: the future is here Robert H. Dueck, Jeffrey L. Vaughn, Boyd V. Hunter, (1997)

Advantages of GRADIUM GK glasses for polychromatic design Boyd V. Hunter, Kenneth Eugene Moore, Paul L. Ruben, (1997)

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M.J. Hayford (1985)

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Experiments on constrained optimization with Spencer's method

Juan L. Rayces, Lan Lebich (1988)

Global view of optical design space

Doron Sturlesi, Donald C. O'Shea (1991)

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Gregory W. Forbes, Andrew E.W. Jones, (1991)

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Rank-down method for automatic lens design Hiroshi Ooki, (1991)

Practical use of generalized simulated annealing optimization on microcomputers Gregory K. Hearn, (1991)

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Examples of the topographies of the wavefront-variance merit function at different aberration orders

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MTF optimization in lens design Matthew P. Rimmer, Thomas J. Bruegge, Thomas G. Kuper, (1991)

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Coma and astigmatism versus field angle and f/number: a simple look

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J.S. Wilczynski, R.E. Tibbetts (1983)

Synthesis of the double Gauss lens

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