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aberration refers to the aberration of the ray through the edge or margin of the lens aperture. It is often written as LA m or TA m. Spherical aberration is determined by tracing a paraxial ray and a trigonometric ray from the same axial object point and determining their final intercept distances l and L . In Fig. 3.2, l is distance OA

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Optical systems have a wide range of technical applications (e.g. viewing devices, lens systems) and uses in industrial manufacturing. And while the design of optical systems requires a high level of expertise, there is, to date, no resource available, which allows beginners to learn optical design. This state-of-the-art handbook, written by reputed industrial

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