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FULL-WIDTH AT HALF-MAXIMUM (FWHM) OF CIRCULARLY SYMMETRIC OPTICAL SYSTEMS WITH FIRST-ORDER PARABOLIC SUPER RESOLVERS

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Abstract

The Full-Width at Half-Maximum (FWHM) is being used in various deciplanes where the optical instruments responses are degraded very much due to various factors like, atmospheric turbulence, aberrations, vibrations, etc,—. In the present paper, we have studied the FWHM of a circular symmetric optical system apodised with First order Parabolic Filters.

Key Words : *Resolution, FWHM, Fourier optics, etc.*

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