

principles of adaptive optics pdf

Adaptive optics (AO) is a technology used to improve the performance of optical systems by reducing the effect of incoming wavefront distortions by deforming a mirror in order to compensate for the distortion. It is used in astronomical telescopes and laser communication systems to remove the effects of atmospheric distortion, in microscopy, optical fabrication and in retinal imaging systems ...

Adaptive optics - Wikipedia

Fourier optics is the study of classical optics using Fourier transforms (FTs), in which the waveform being considered is regarded as made up of a combination, or superposition, of plane waves. It has some parallels to the Huygens-Fresnel principle, in which the wavefront is regarded as being made up of a combination of spherical wavefronts whose sum is the wavefront being studied.

Fourier optics - Wikipedia

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MZA Associates Corporation - News - (MZA News)

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5 Figure 1. The Altai Optical Laser Center telescope with adaptive optical system and sample images of AOS Principles of design of the interactive technical vision system of the Altai

V.P. Aleshin, E.A. Grishin, V.D. Shargorodsky, D.D

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