

## Flat-Top Apodization of Laser Beams by Means of Acousto-Optics

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**Abstract :** We demonstrate a method for adaptive spatial shaping of laser beams by means of acousto-optic Bragg diffraction. Transformation of the angular spectrum during Bragg diffraction is used to convert Gaussian intensity distribution into a flat-top one. Theoretical model is supported by the experiment.

**Keywords :** acousto-optics, flat top, beam shaping, Bragg diffraction

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