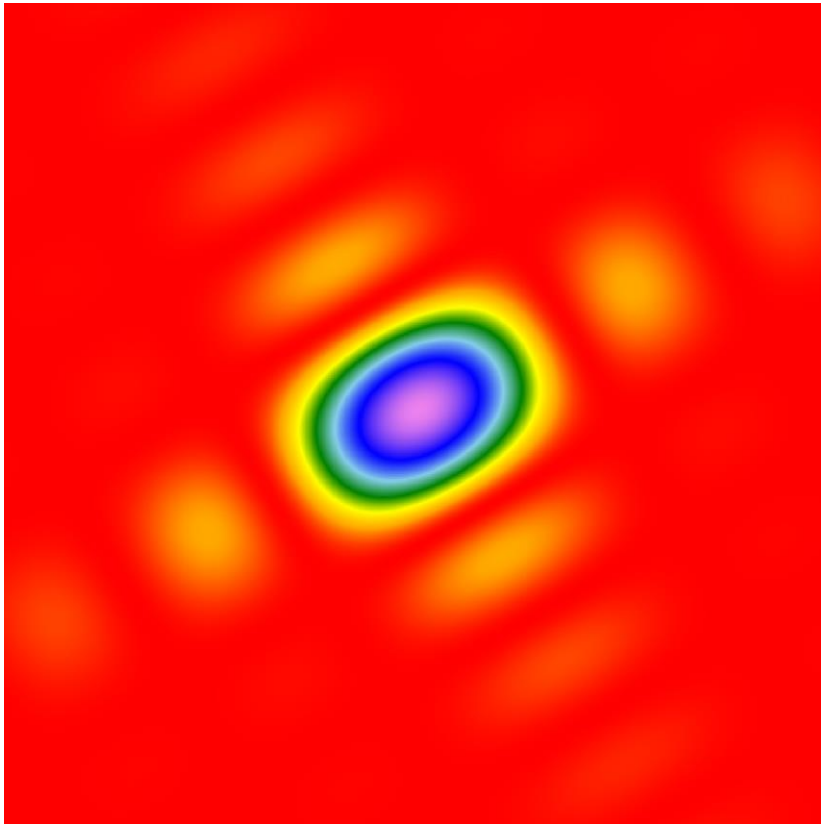


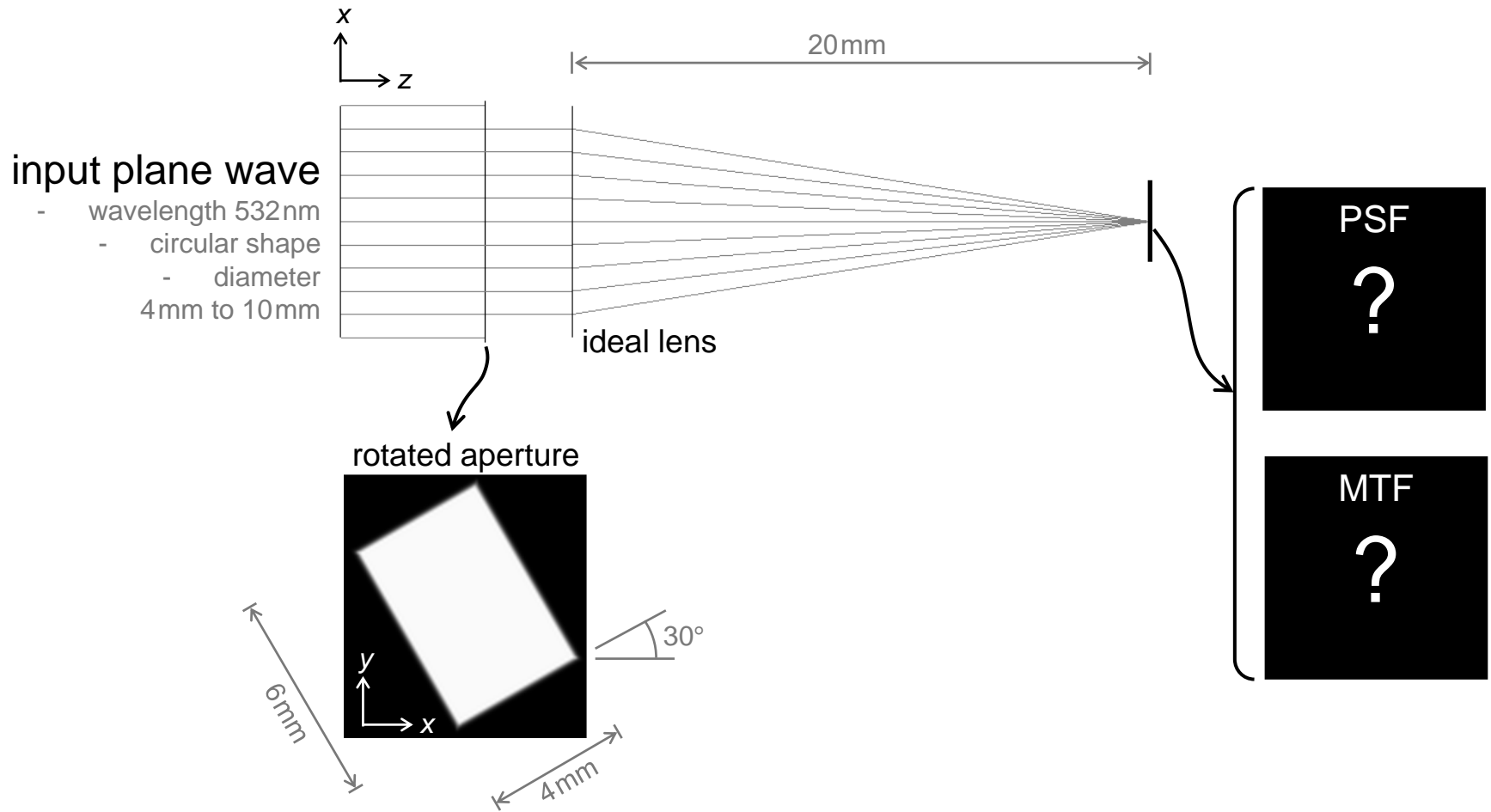
Advanced PSF & MTF Calculation for System with Rectangular Aperture

Abstract

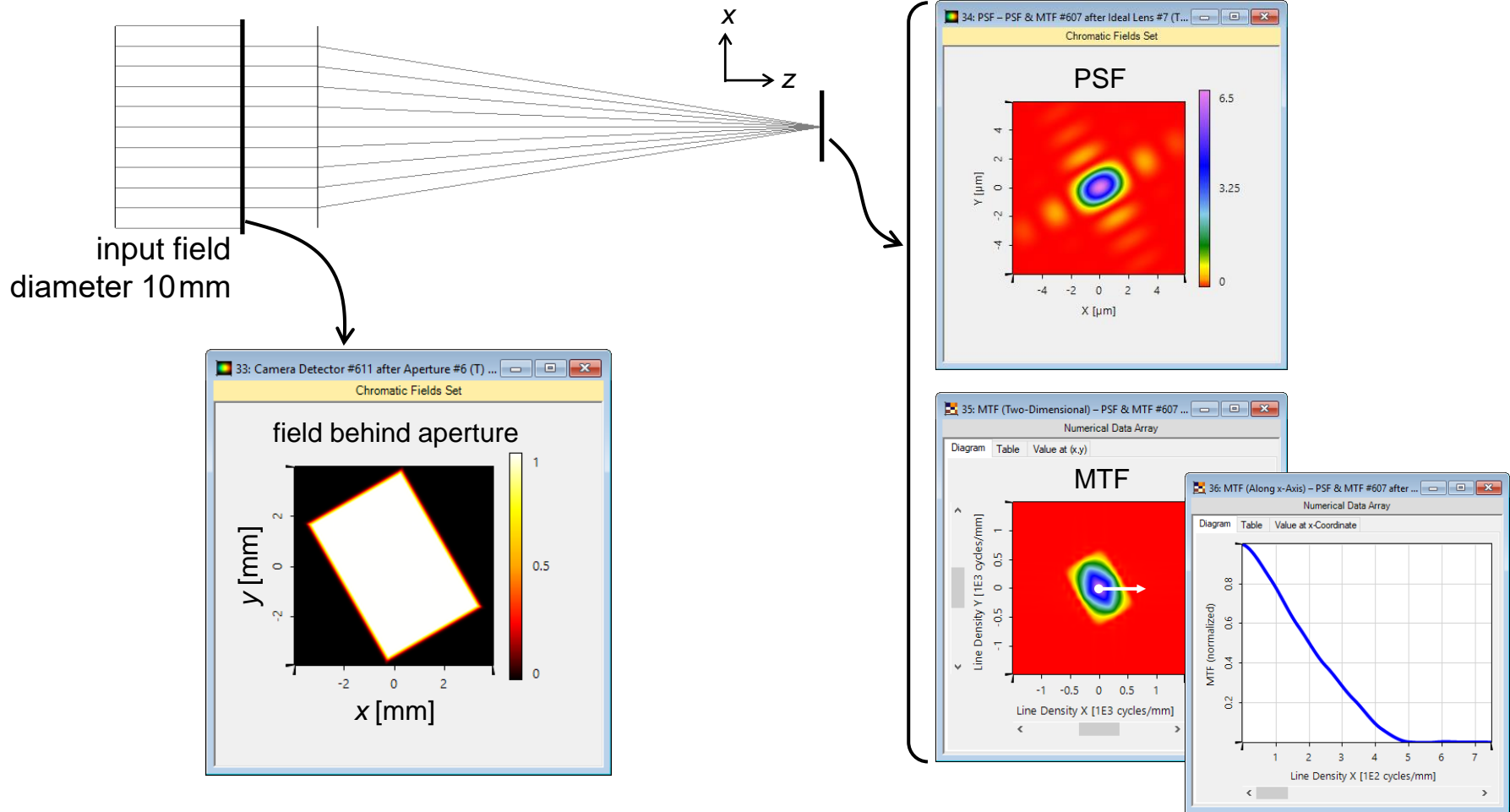


The performance of an imaging system can be strongly influenced by aperture. Apertures in different shape and size may alter the point spread function (PSF) and the modulation transfer function (MTF). To investigate such effects, a rotated rectangular aperture is placed behind input plane waves with different sizes. The plane waves are then focused by an ideal lens, and on the focal plane the PSF and MTF are analyzed in different situations.

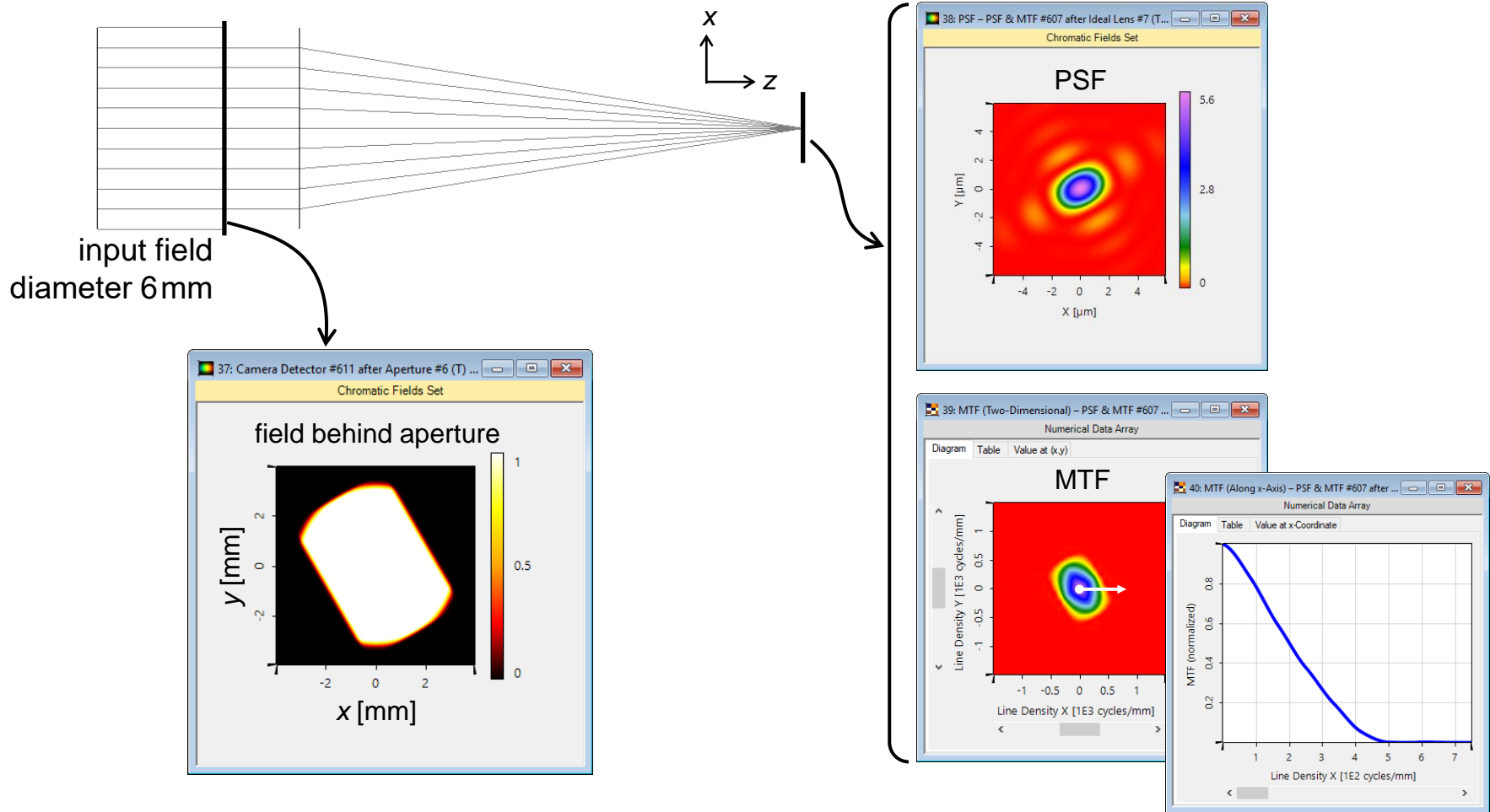
Modeling Task



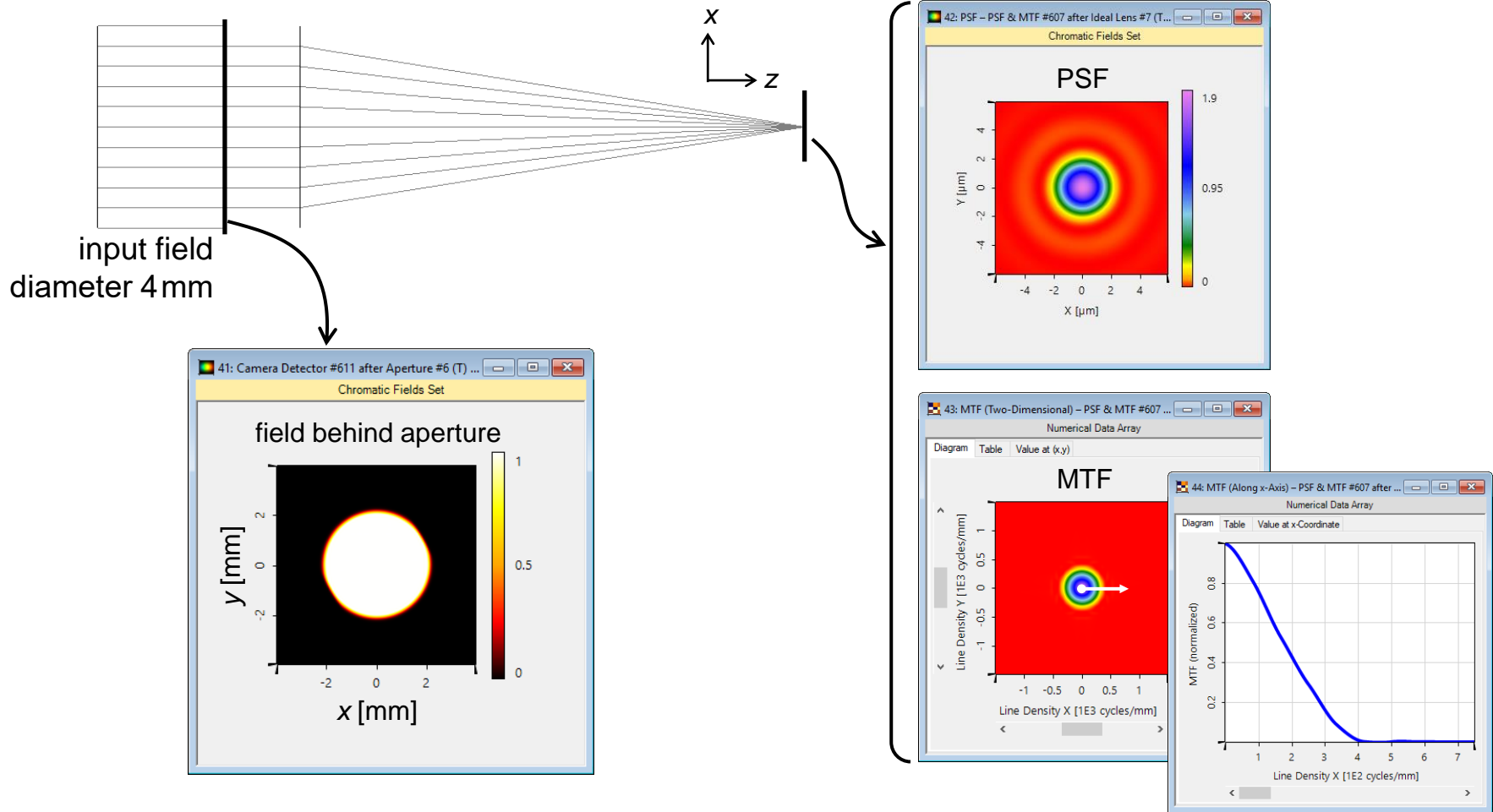
Results



Results



Results



Document Information

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