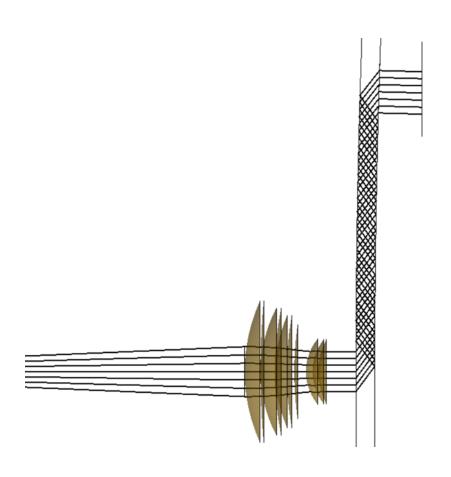


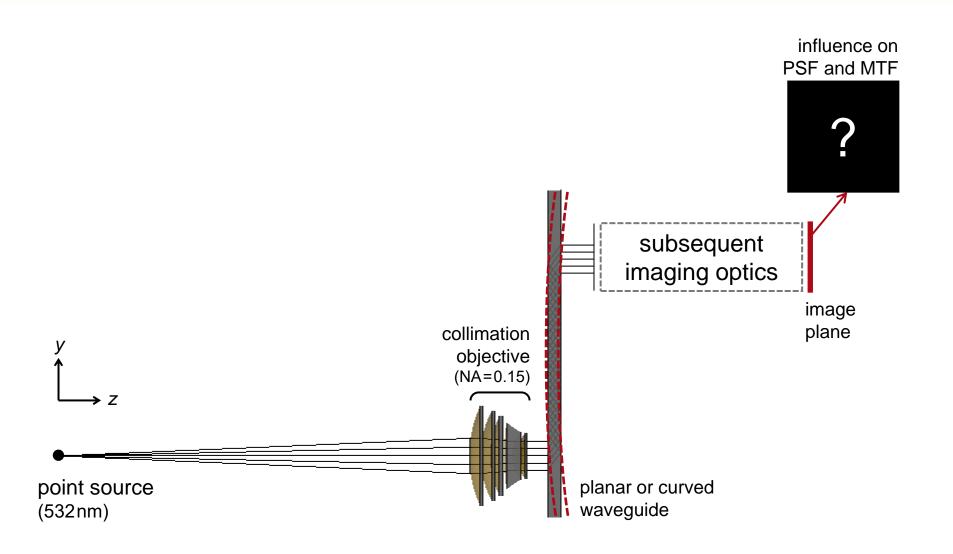
# **Analysis of Folded Imaging System with Planar or Curved Waveguide**

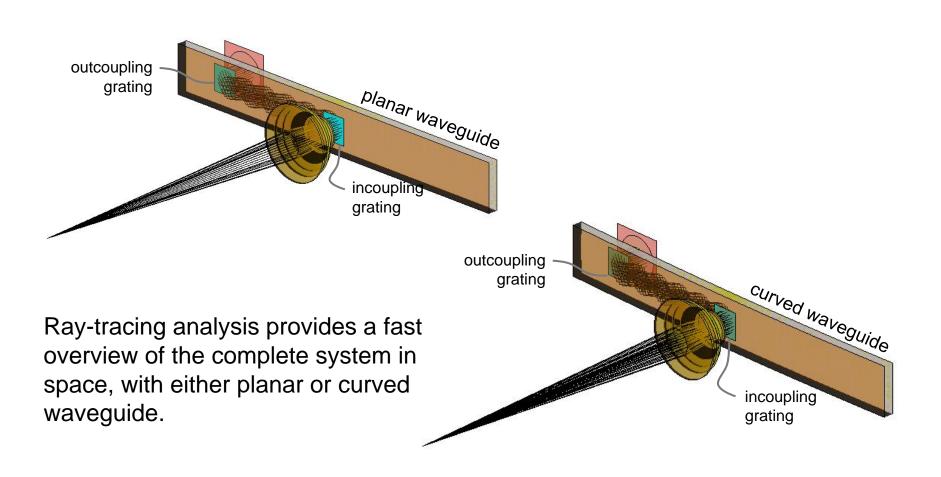
#### **Abstract**

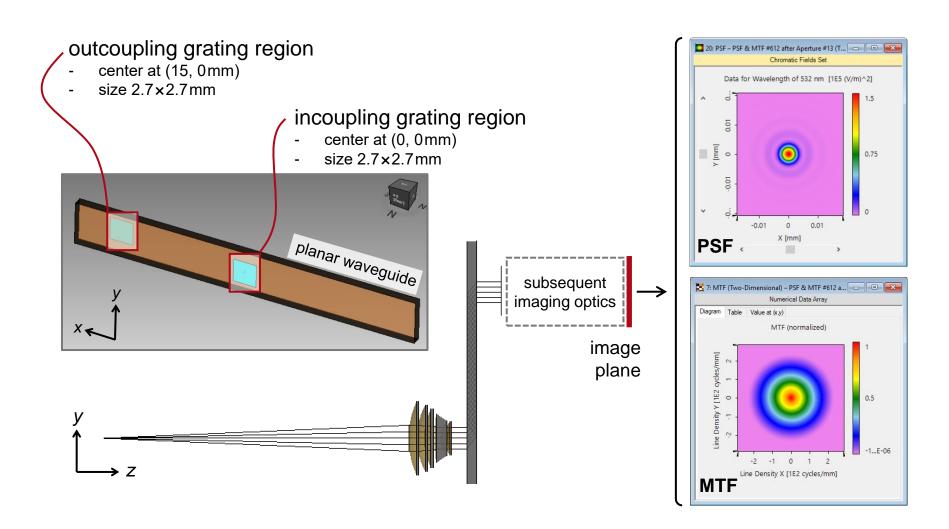


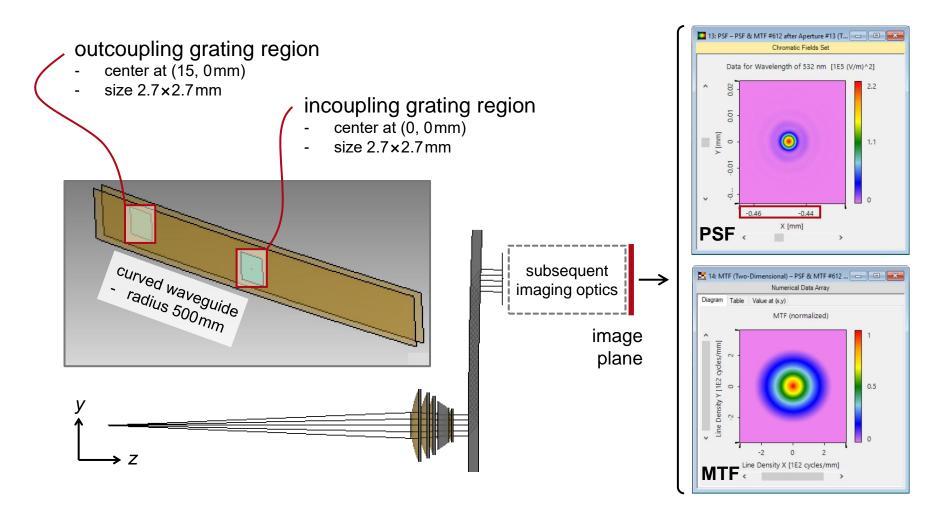
In a near-to-eye display system, the image generation unit, the collimation optics, the waveguide and the in- and outcoupling gratings, form a complex folded imaging system. To evaluate the image quality of such systems, it is important to include the influence from the waveguide structure. In this example, a folded imaging system, with either a planar waveguide or a curved waveguide, is modeled, and the PSF and MTF on image plane are calculated.

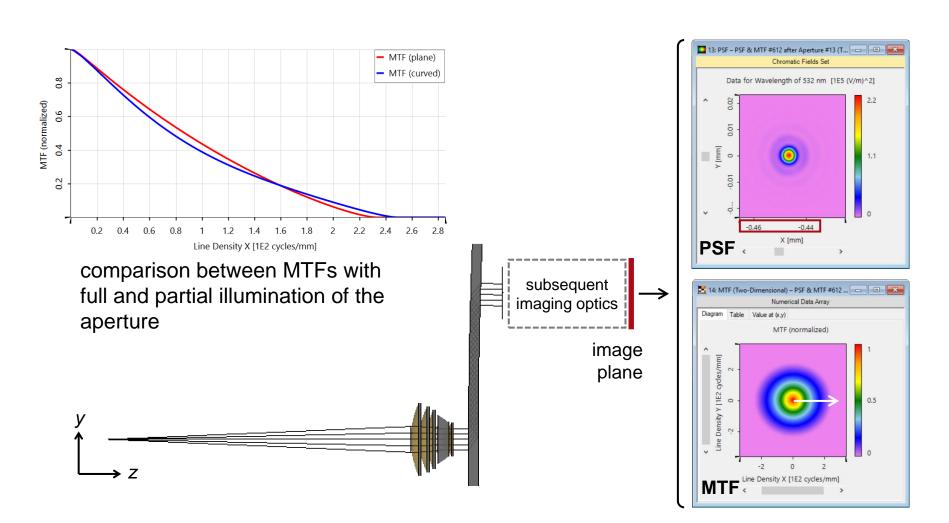
## **Modeling Task**











### **Document Information**

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