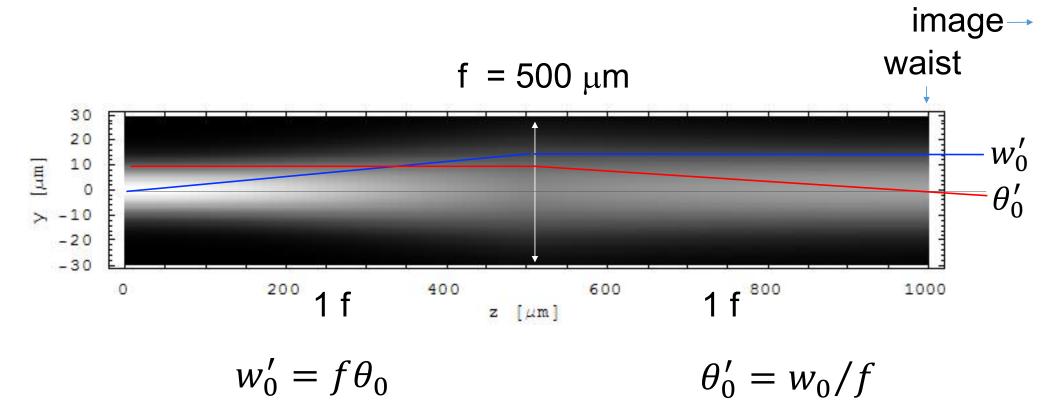
Module 1:

Examples of ray tracing Gaussian beams

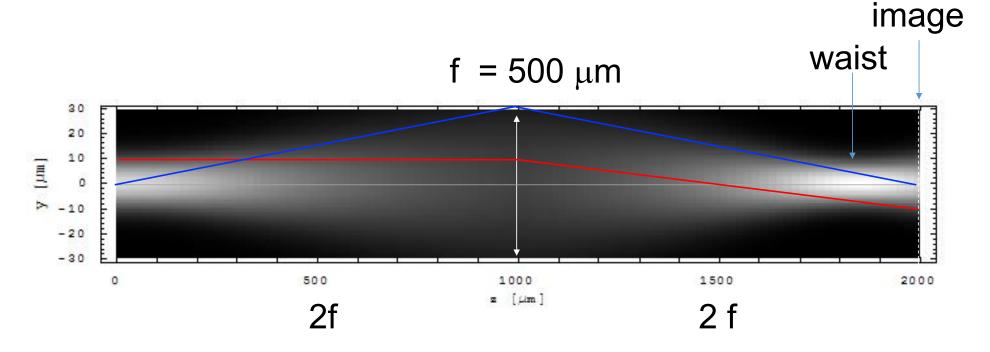
Course 2 of Optical Engineering: Optical efficiency and resolution

with Dr. Robert R. McLeod and Dr. Amy C. Sullivan

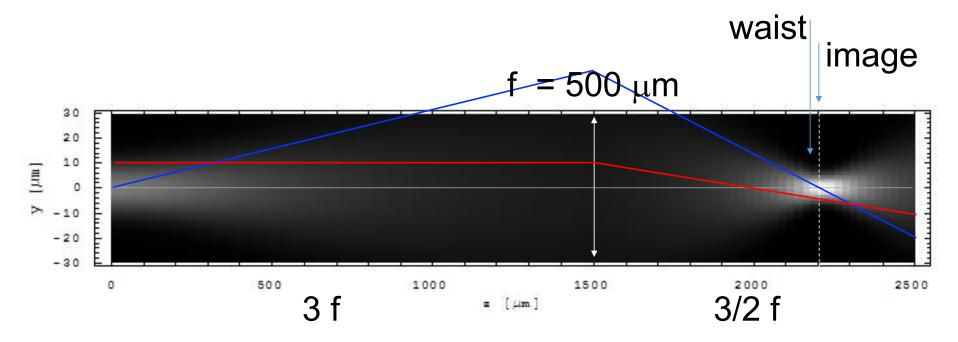
Example 1 – 1F:1F



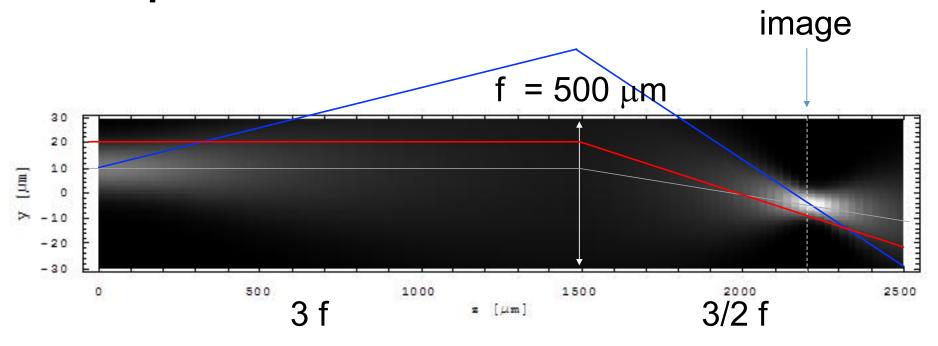
Example 2 – 2F:2F



Example 3 – 3F:1.5F



Example 4: 3F:1.5F off axis



To trace off axis Gaussian beams must add chief ray centered on beam axis and measure divergence and waist rays relative to the chief.