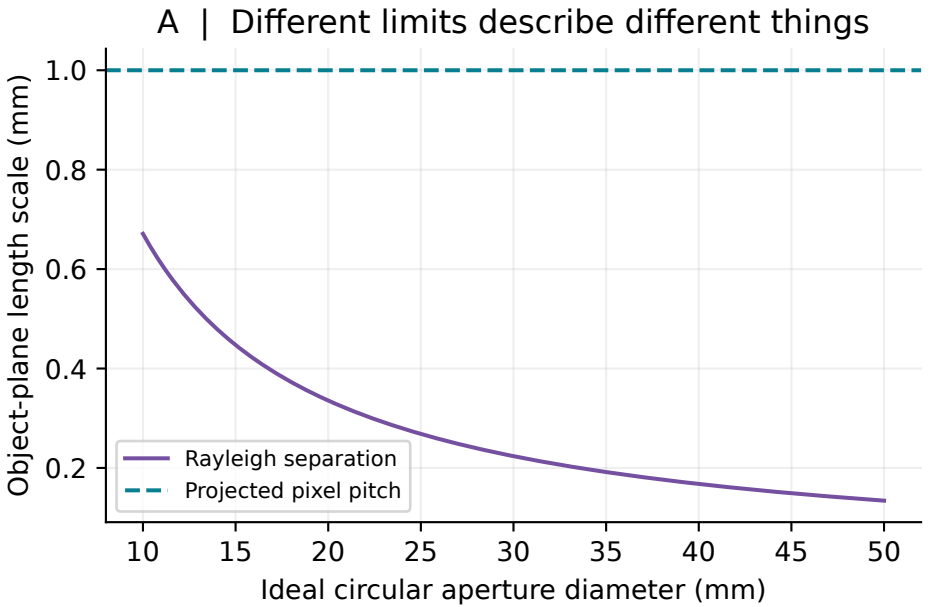
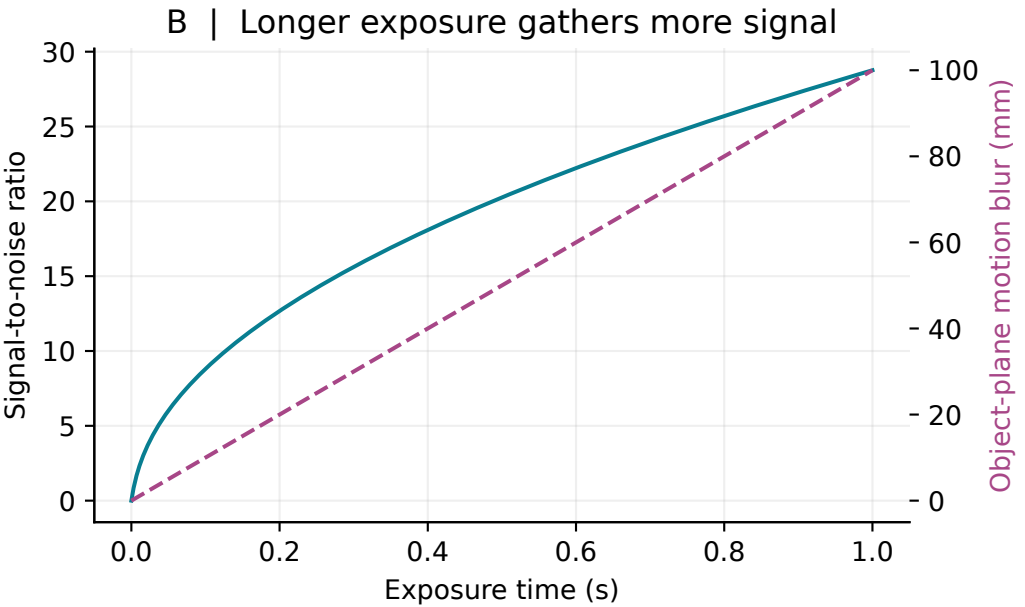
Imaging needs optics, sampling and exposure





A: wavelength 550 nm, range 10 m, focal length 50 mm, pixel pitch 5 micrometres. These are not interchangeable resolution criteria.
B: assigned 1000 signal + 200 background electrons/s, 3-electron RMS read noise, transverse speed 0.1 m/s; idealized fixed geometry.