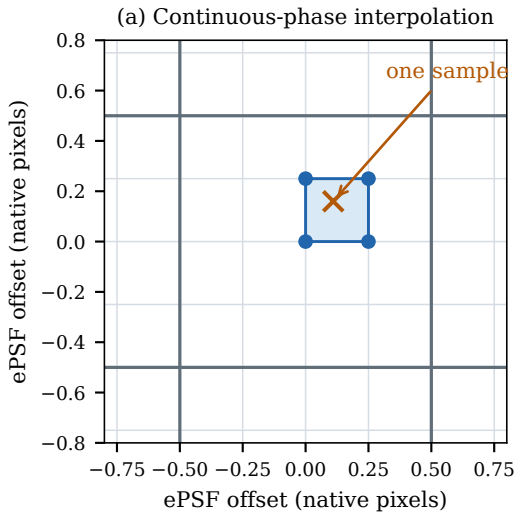


(b) Pixel-integrated response

$$\mathbf{g}_{ip} = \mathbf{c}_E + O(\mathbf{x}_p - \mathbf{x}_i)$$

$$R_{ip} = O^2 \,\mathrm{bilinear}(E_i, \mathbf{g}_{ip})$$

O = 4 fine samples per native pixel

E already includes pixel integration; outside support → 0.

Four interpolation neighbours ≠ sixteen subpixel integrals.