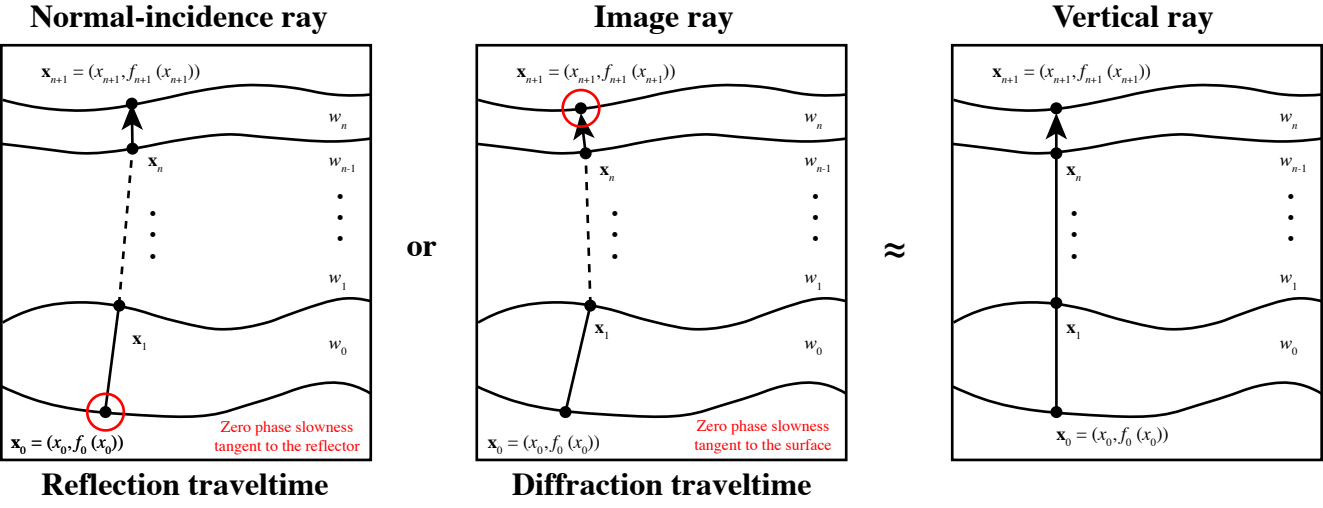
Normal-incidence ray
Image ray
Vertical ray
$\mathbf{x}_{n+1} = (x_{n+1}, f_{n+1}(x_{n+1}))$
w_n
$\mathbf{x}_n$
w_{n-1}
w_1
$\mathbf{x}_1$
w_0
$\mathbf{x}_0 = (x_0, f_0(x_0))$
Zero phase slowness
tangent to the reflector
or
Zero phase slowness
tangent to the surface
≈
Reflection traveltime
Diffraction traveltime