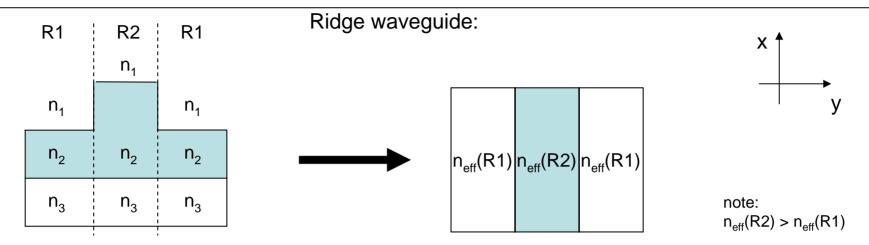
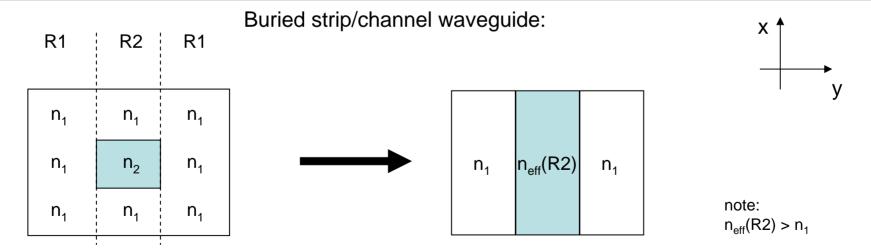
2D Approximation for Waveguide Effective Refractive Index neff



- (1) 3 asymmetric 1D waveguide problems in x-direction. Solve for $n_{\rm eff}$ in regions R1, R2.
- (2) 1 symmetric 1D waveguide problem in y-direction. Solve for a new $n_{\rm eff}$; this your 2D solution.



(1) 1 symmetric 1D waveguide problem in x-direction. Solve for n_{eff} in region R2.

(2) 1 symmetric 1D waveguide problem in y-direction. Solve for a new $n_{\rm eff}$; this your 2D solution.