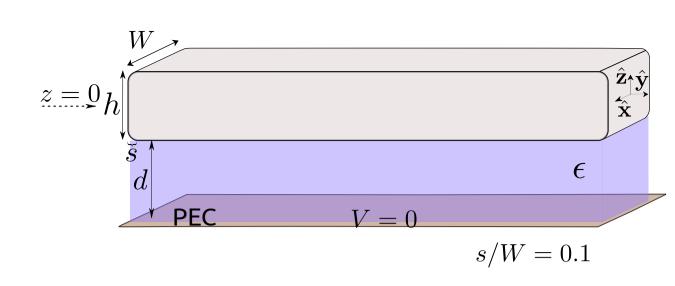
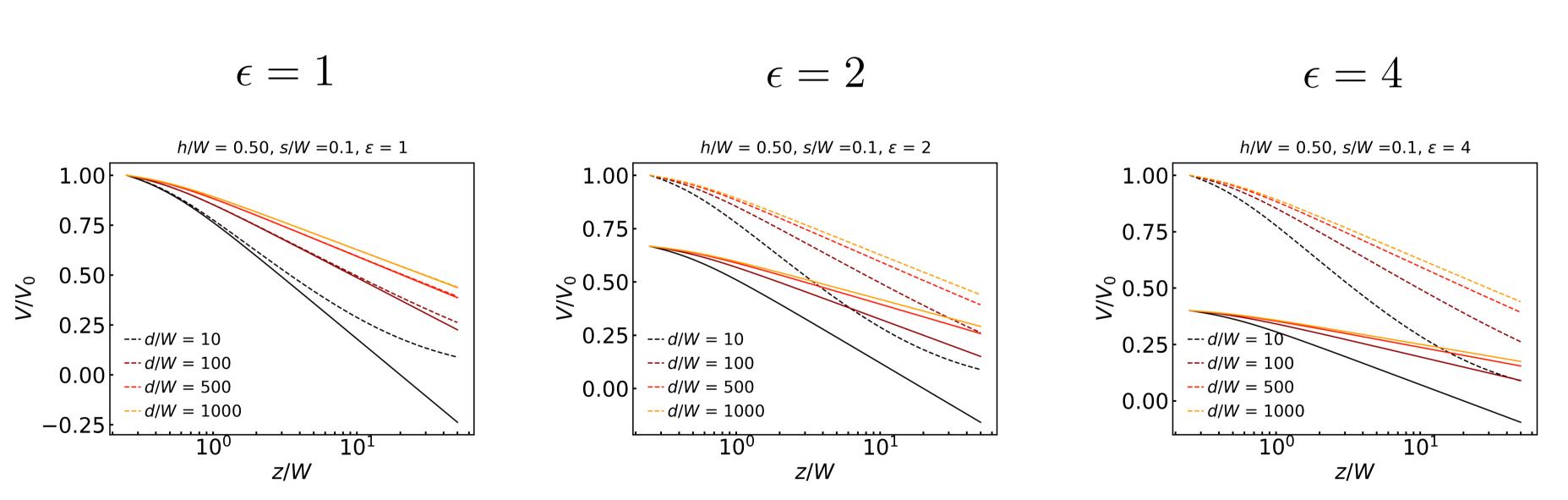
Electron-coupling-to-WG: Potential near rectangular nanowire adding a substrate



Comparing potential with and without substrate (dashed)



Solution with substrate is valid when d>>1

 $z>h/2 \label{eq:continuous}$  Above the waveguide