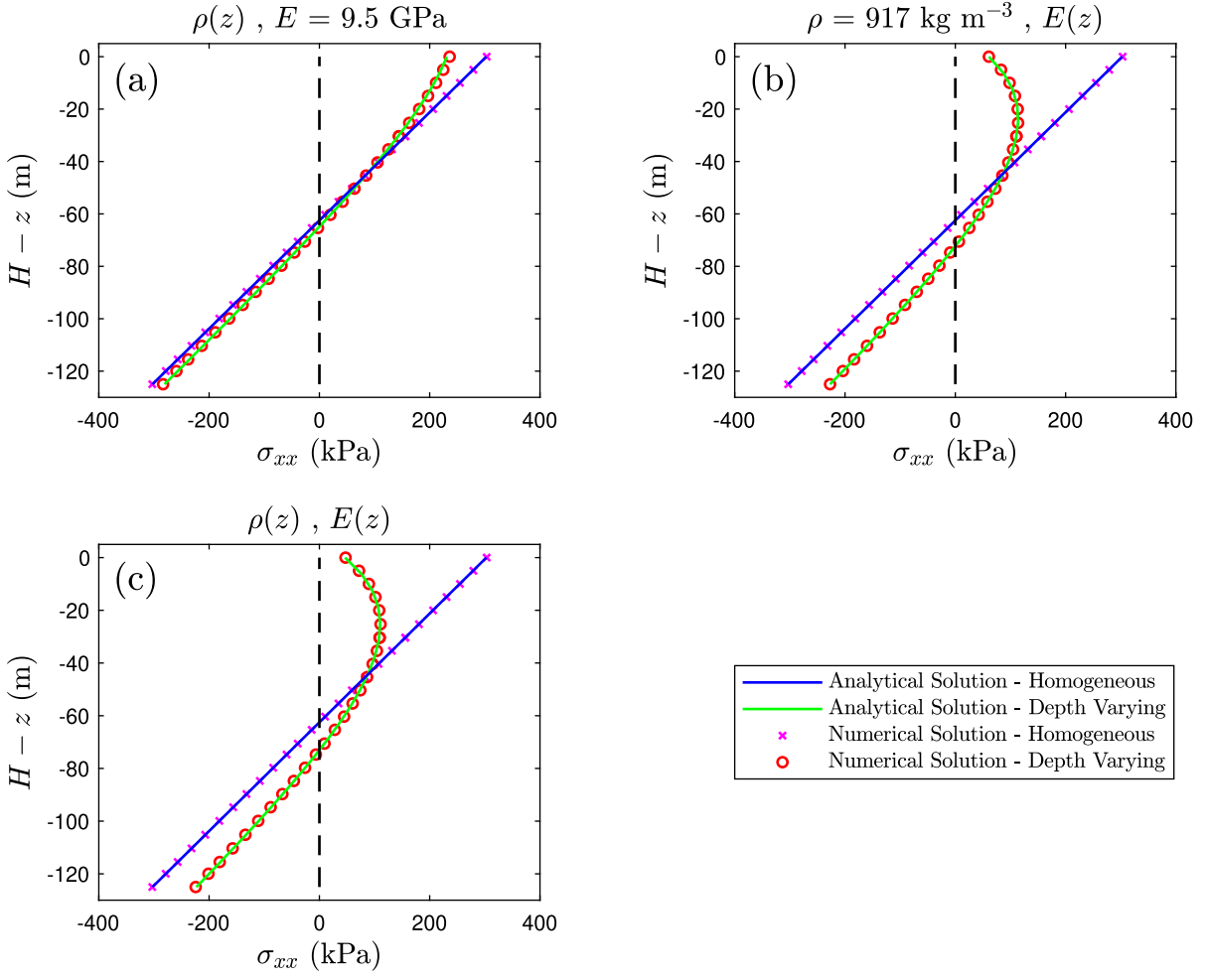
$\rho(z)$, $E = 9.5$ GPa
(a)
$H - z$ (m)
σ_{xx} (kPa)
$\rho = 917$ kg m^{-3} , $E(z)$
(b)
$H - z$ (m)
σ_{xx} (kPa)
$\rho(z)$, $E(z)$
(c)
$H - z$ (m)
σ_{xx} (kPa)
Analytical Solution - Homogeneous
Analytical Solution - Depth Varying
Numerical Solution - Homogeneous
Numerical Solution - Depth Varying