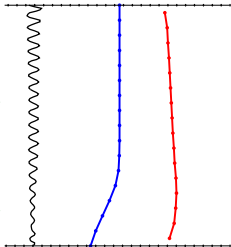


$$P_N = 700 \text{ [MPa]}$$

$$v_0 = 70 \text{ [m/s]}$$



$$\rho(z)$$

$$v(z)$$

$$T(z)$$