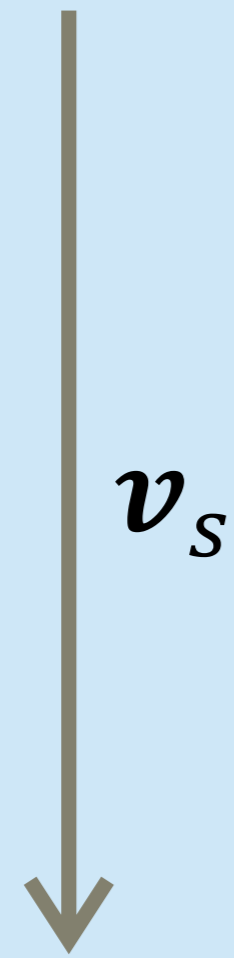


(a)

$$\phi = 1, \nabla \mathcal{P} \cdot \mathbf{n} = 0$$

$$\nabla \mathcal{P} \cdot \mathbf{n} = 0$$



\mathbf{v}_s

$$0 = \mathbf{u} \cdot \mathcal{L} \Delta$$

$$\nabla \mathcal{P} \cdot \mathbf{n} = 0$$

(b)

