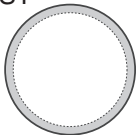


Source

Infinite medium

Half-space

(a) S1

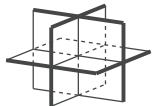


$$\frac{\Delta V_s}{4\pi r^2}$$

 $\xrightarrow{F1}$

$$\frac{(\lambda + 2\mu)}{2\pi(\lambda + \mu)} \frac{\Delta V_s}{r^2}$$

(b) S4



$$\frac{(\lambda + 2\mu/3)}{4\pi(\lambda + 2\mu)} \frac{\Delta V_i}{r^2}$$

 $\xrightarrow{F1}$

$$\frac{(\lambda + 2\mu/3)}{2\pi(\lambda + \mu)} \frac{\Delta V_i}{r^2}$$

$$F1 = \frac{2(\lambda + 2\mu)}{(\lambda + \mu)}$$