























Change of stress across discontinuity

Change of stress state across a discontinuity is simply related to the rotation $\delta\theta$ of the direction of the major principal stress.















Weightless	s material: γ=0		$\gamma \neq 0$	
$P = pH/\sin i,$ $\delta w_p = \delta w_q = \frac{1}{\sqrt{2}}$	$Q_u = q_u H / \sin i$	+ δE do	one by body force >	0
$\Delta E = Q_u \delta w_q - P$ $\Delta W = \sum_{n=1}^{\infty} c_u \cdot L \cdot \delta w$	$\mathcal{P}\delta w_p = \frac{H}{\sqrt{2}\sin i} (q_u - p)\delta + \sum 2c_u R\Delta\theta \delta w = \frac{\sqrt{2}c_u H}{\sin i}$	$\frac{W}{W}\left(1+\frac{1}{2}\pi-i\right)$		
$\frac{\sqrt{2}c_u H}{\sin i} \delta w$ $\Delta E = \Delta W \Longrightarrow$	$\frac{\sqrt{2}c_{u}H}{\sin i} \left(\frac{1}{2}\pi - i\right) \delta w$ $q_{u} = c_{u} \left(2 + \pi - 2i\right)$)+p	a < a for $y=0$	
same as q_u		Confirm yourself		
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