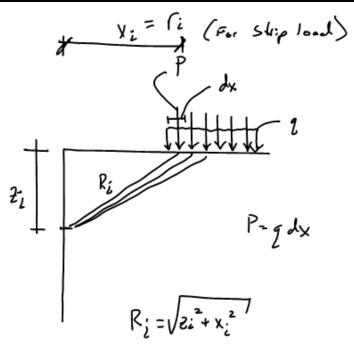
HOW TO ENGINEER	Project				Job Ref.	
	Elastic Methods					
	Section				Sheet no./rev.	
	Spangler Derives Integrated Method				1	
	Calc. by	Date	Chk'd by	Date	App'd by	Date
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## SPANGLER DERIVES INTEGRATED METHOD - BOUSSINESQ NOTES



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		Spangler Derives Integrated Method				2	
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Boussinesg Integrated" Spongler shows =D Oh = P x2 z This due to tests showing 2x Bous. 6/ V=0.5  $\frac{2 \times 3P}{27}$   $\frac{x^2}{R^5}$  =  $P \times \frac{2}{R^5}$ 121s Spunger integrates Eat and Finds Stip load Egn =  $\delta_{H} = \frac{2g}{\pi} \left[ \frac{1}{2} \operatorname{dan} \left( \frac{X}{2} \right) - \frac{X^{2}}{\left( X^{2} + Z^{2} \right)} \right]_{X}^{X_{2}}$ X2 = Fas edge of Stip loud evaluate For K2- X1 X, = Near edge of skip local

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Using 1/2 × EQ2 (spungler skip Eqn)
Yeilds the same result as found
in Poulos & Pavis Along w/ many other
Texts

