

Problem	Answers
1	See textbook
2	See textbook
3	$E_{i,max}=12.65 \text{ V}$
4	$F=37.7 \text{ kN}$
5	$E_m=1.1E7 \text{ kN/m}^2, \nu_p=0.317$
6	$P=202.94 \text{ kPa}$
7	$\sigma_{max}=5.689E7 \text{ Pa}, \sigma_{min}=3.192E7 \text{ Pa}, \varphi=-35.78^\circ$