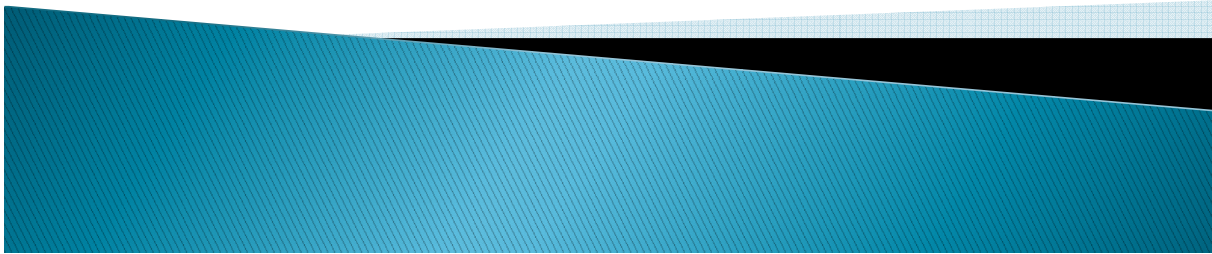
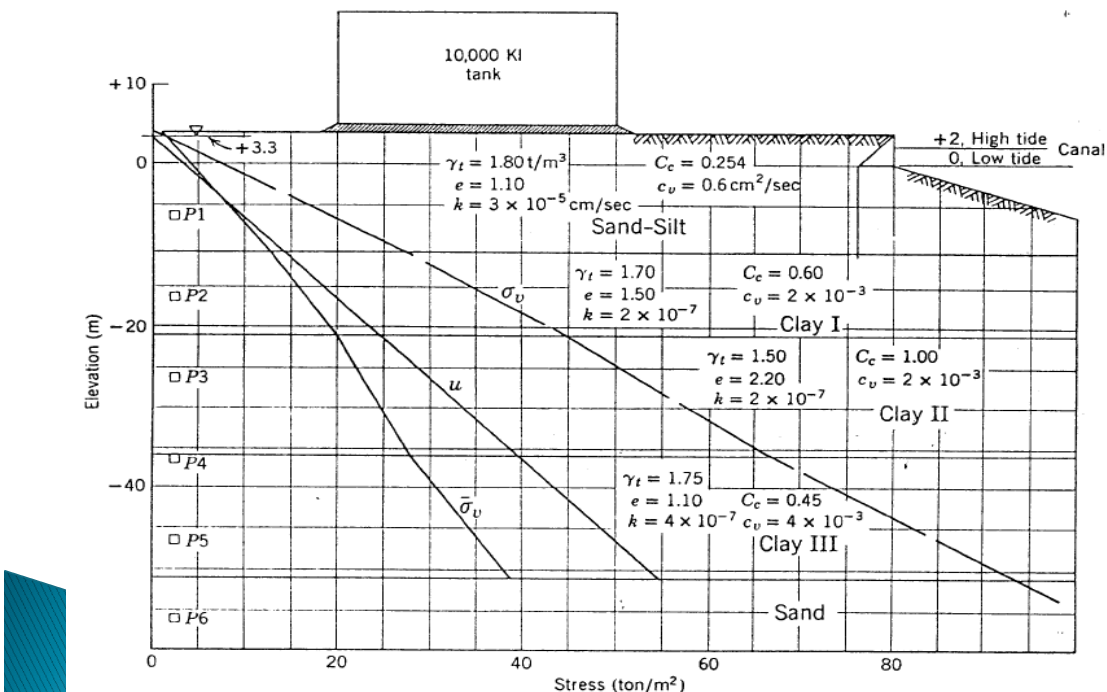


ESFUERZO EFECTIVO

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SOBRECARGA



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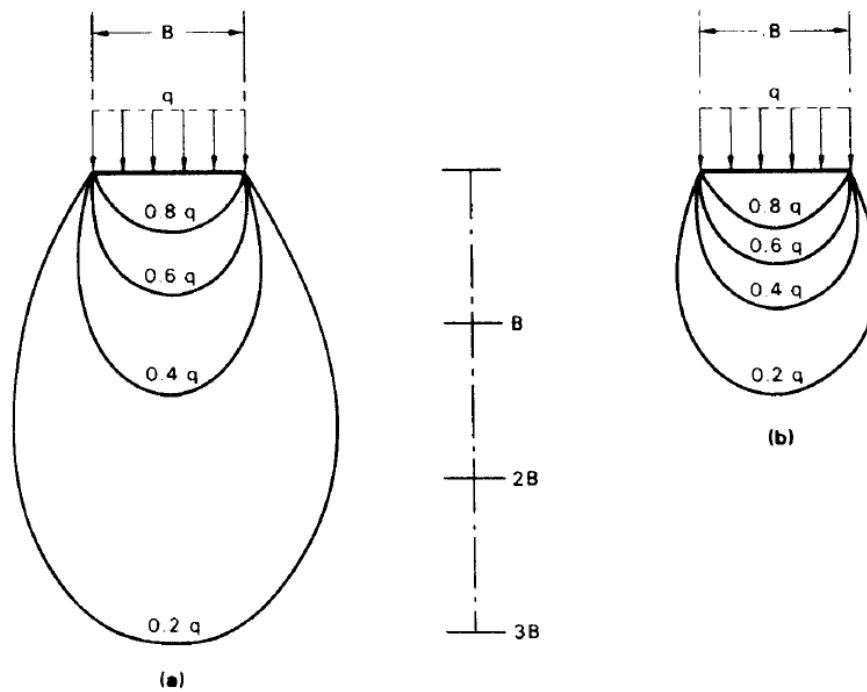
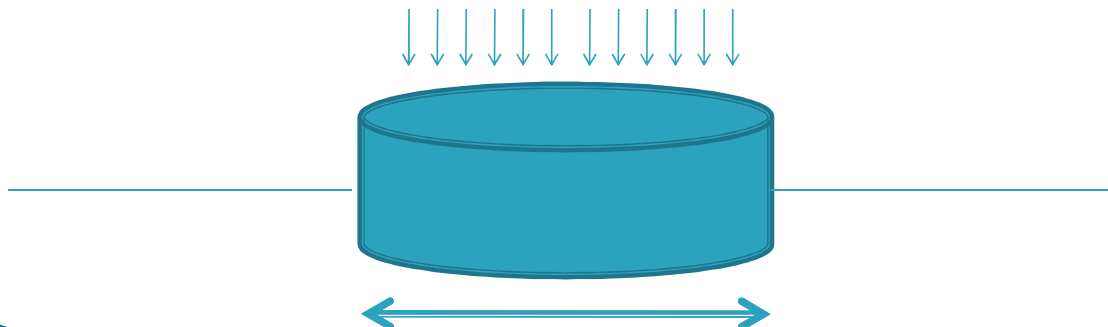


Figure 5.8 Contours of equal vertical stress: (a) under strip area and (b) under square area.

SOBRECARGA

- Carga uniforme distribuida sobre área circular

$$\Delta\sigma_1 = \Delta\sigma_v \quad \Delta\sigma_3 = \Delta\sigma_h$$



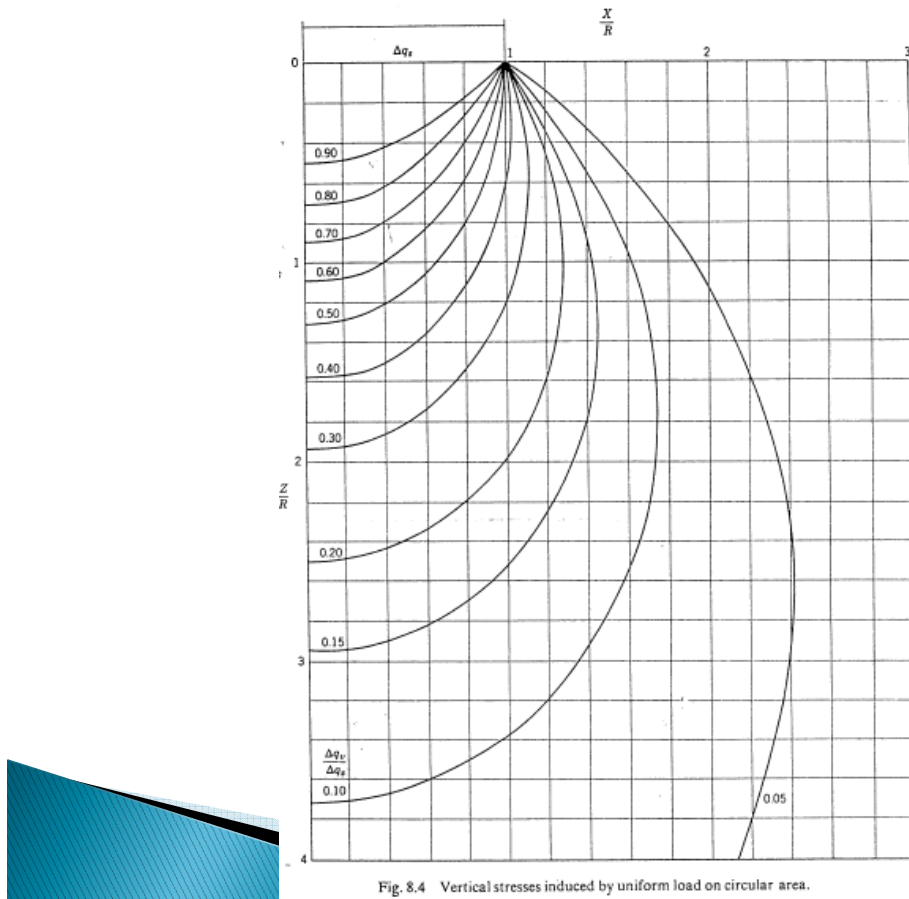


Fig. 8.4 Vertical stresses induced by uniform load on circular area.

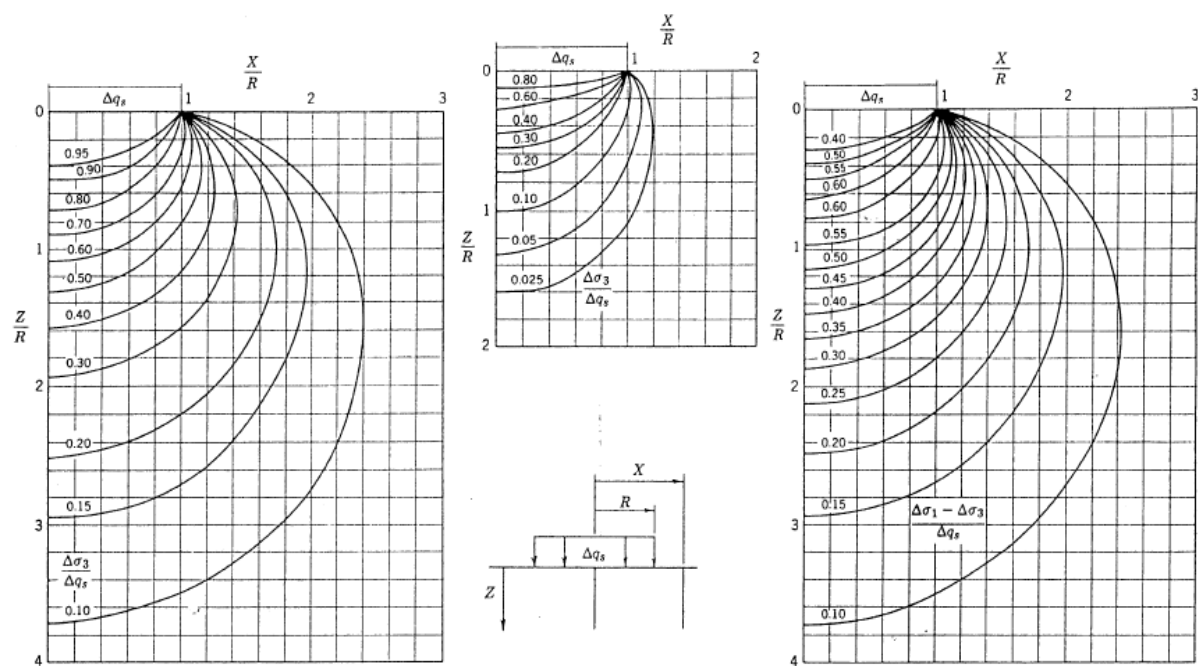
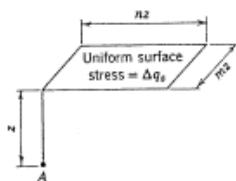
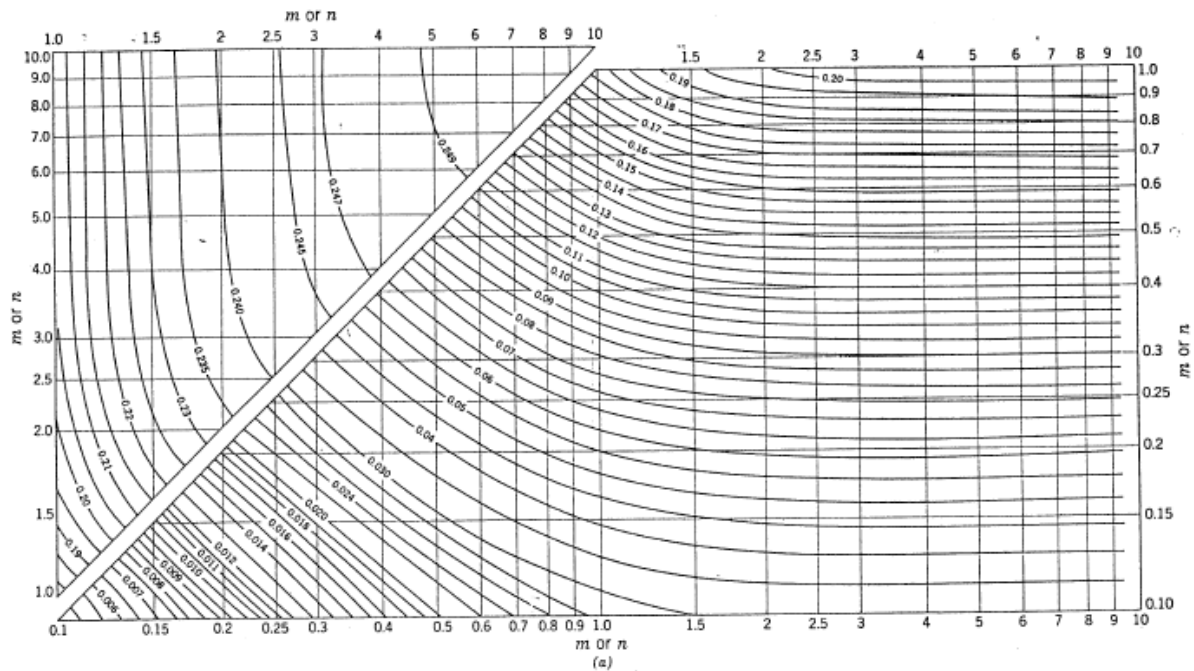
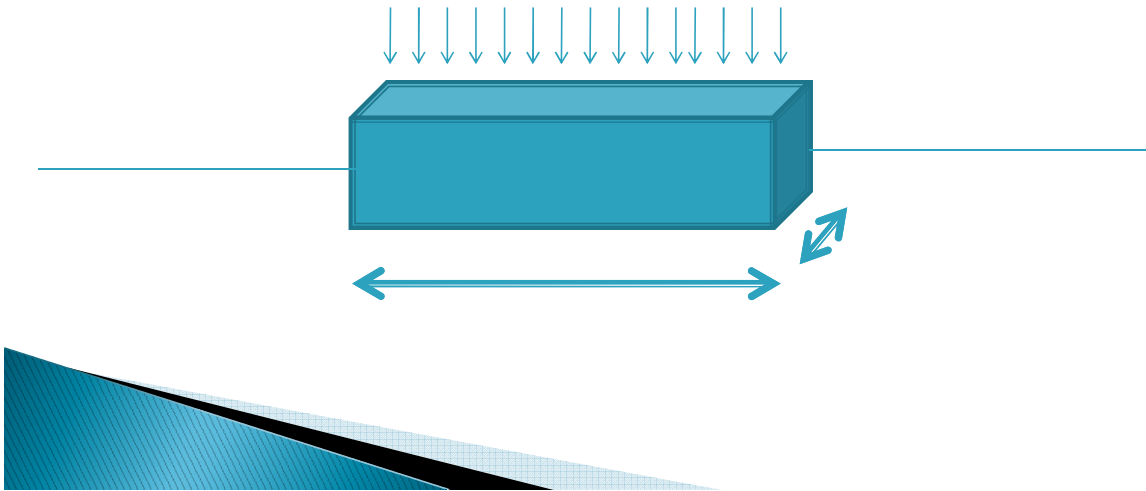


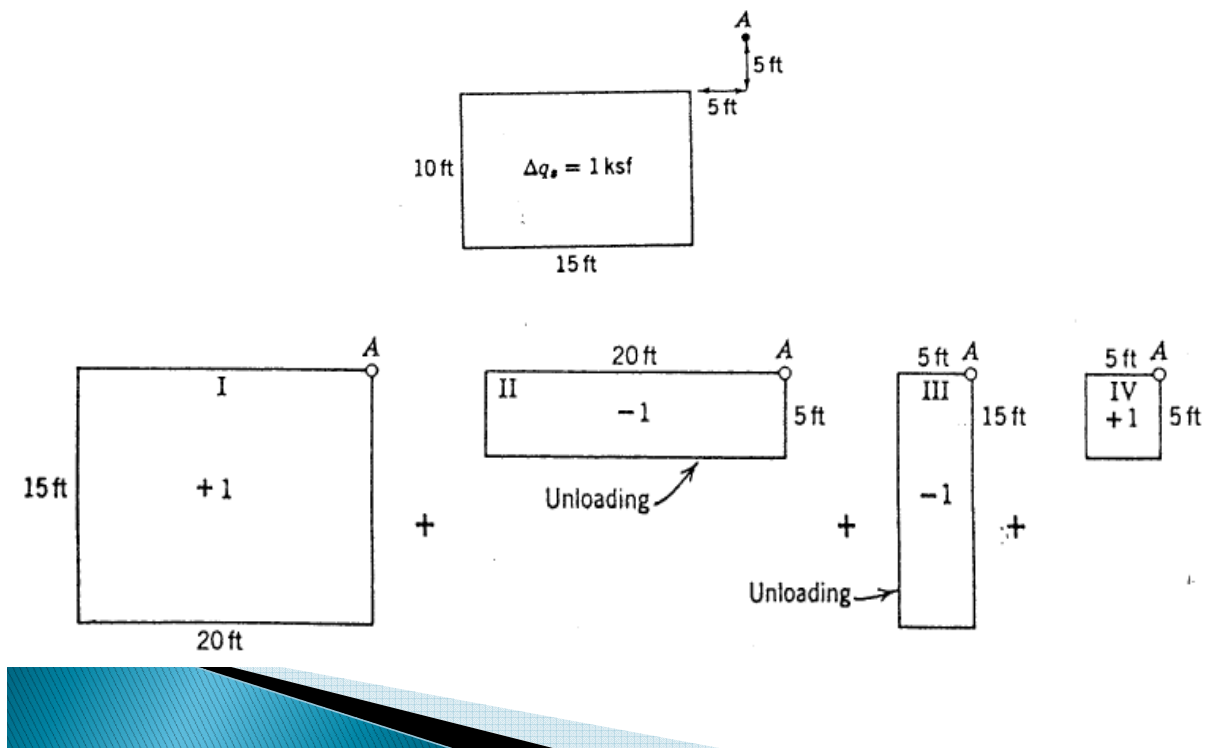
Fig. 8.5 Stresses under uniform load on circular area.

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- Carga uniforme distribuida sobre área rectangular

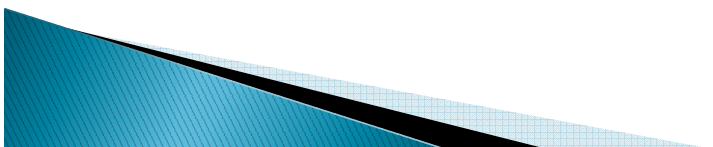
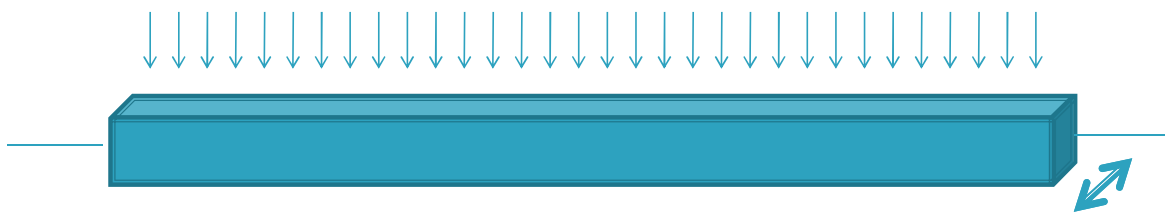


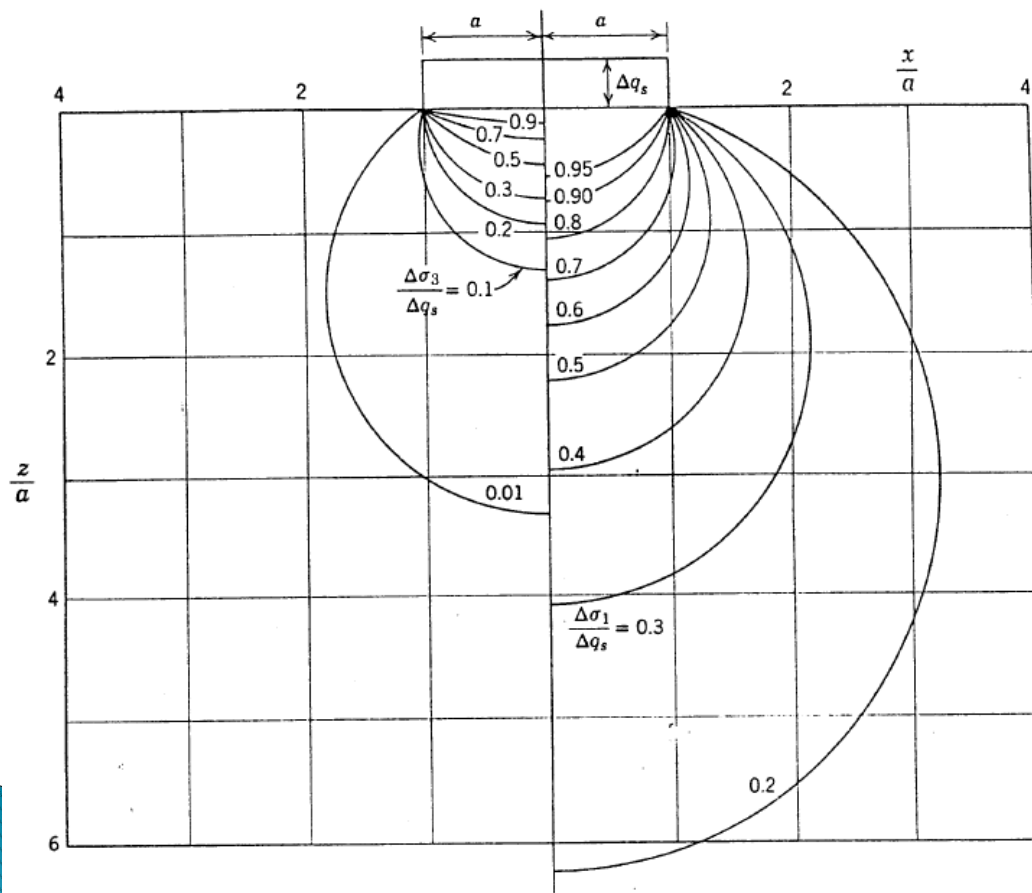
Sobrecarga rectangular



SOBRECARGA

- Zapata corrida (sobrecarga)





SOBRECARGA

- Sobrecarga triangular zapata corrida

