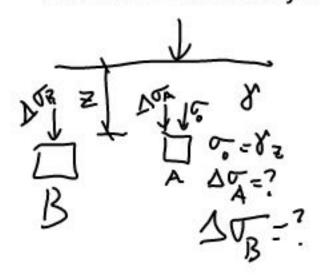
Erdal Cokca Stresses Caused by a Point Load



Stress Caused by a Line Load

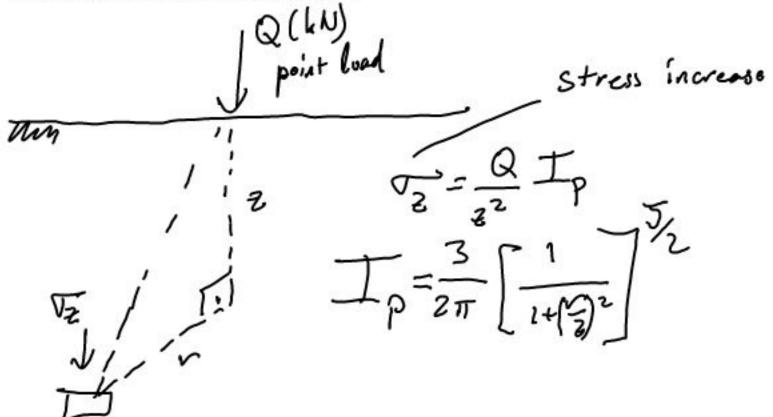
Distribution of Vertical Stresses Beneath Different Types of Loading

Elastic Theory

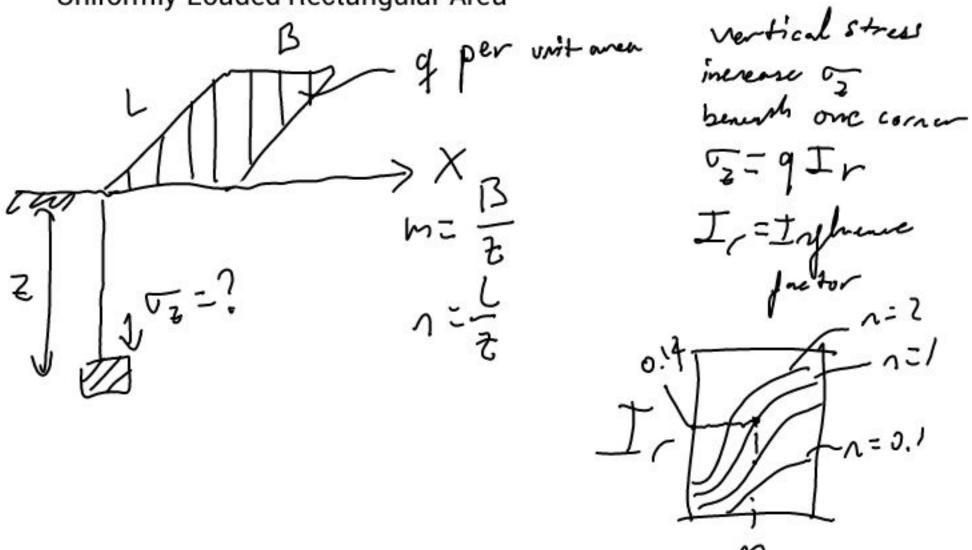
Boussinesg 1885

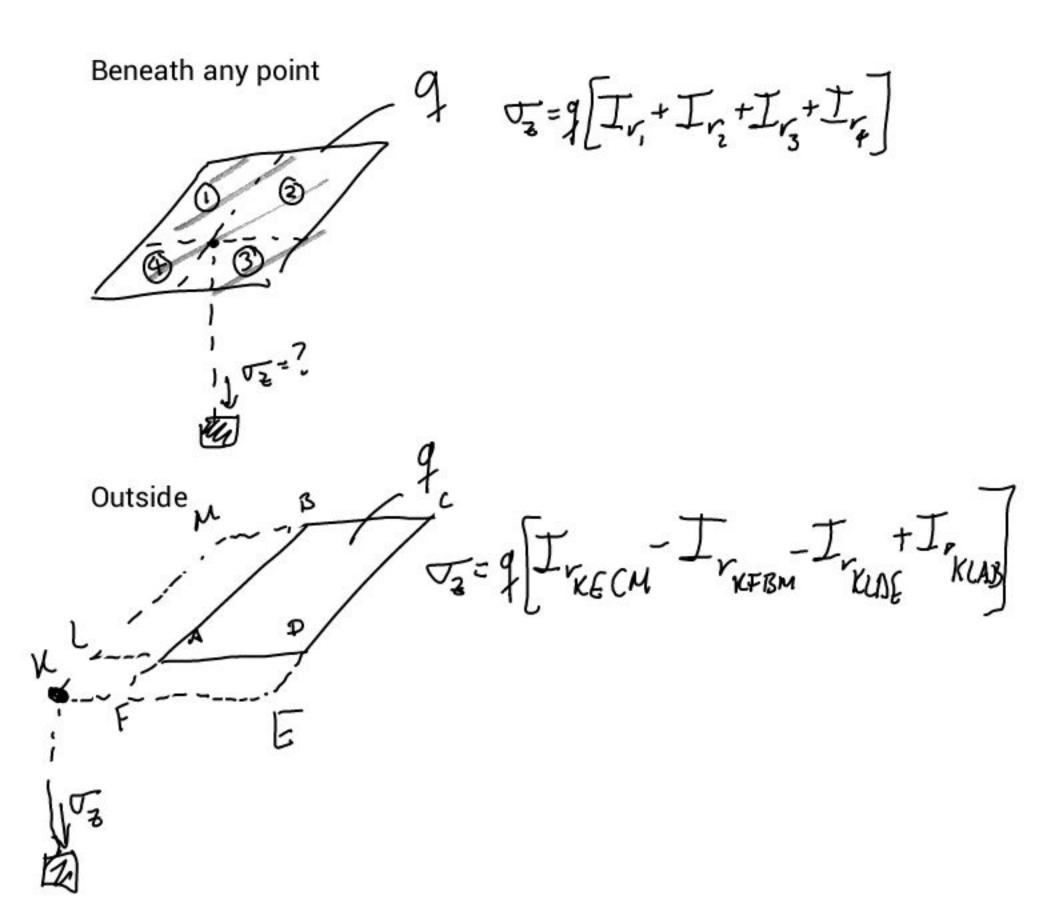
Assumptions

- →semi-infinite soil
- → homogeneous soil
- → Soil has linear stress-strain relation



Uniformly Loaded Rectangular Area





Circular Area D=2R

