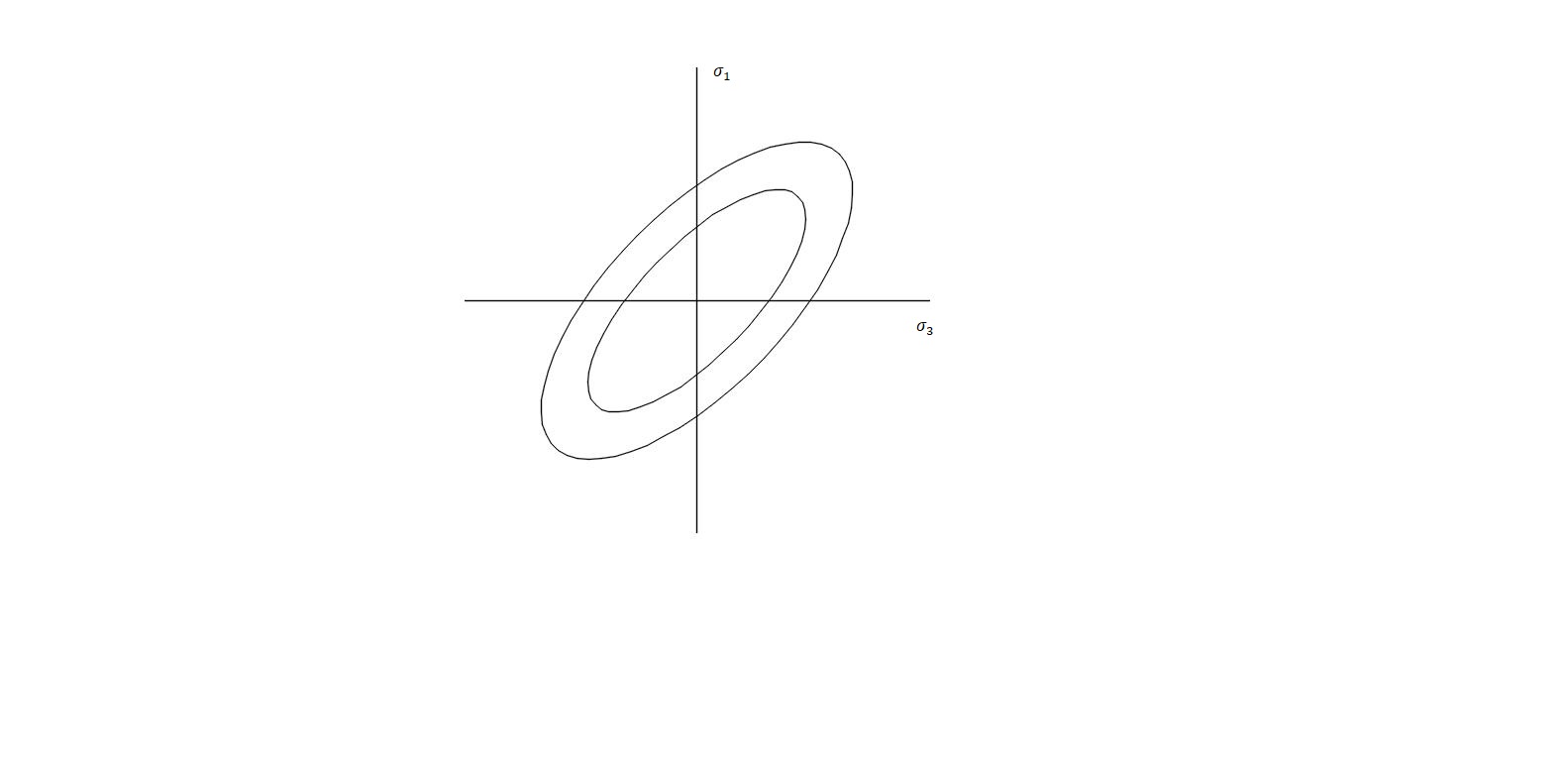
# EXERCISES

1. Prove that reduces in triaxial compression to where stands for the major principal stress and for the minor principal stress.

in triaxial compression,

1. Plot the von Mises yield criterion in plane for plane strain conditions with . The intermediate principal stress is given as .

**

*Imagen que contiene antena, cielo

Descripción generada con confianza alta*

1. Prove the correctness for cohesionless soil.

Check slide 25 from lecture class 1: Perfect Plasticity

1. Prove that for Mohr-Coulomb.

Replacing equation [2] in [1]:

Check slide 27 from lecture class 1: Perfect Plasticity

1. Prove the correctness of external DP circle.

Check slide 32 from lecture class 1: Perfect Plasticity