

## **Advanced rock mechanics**

Semester 1, 2009

### **Homework #8 (4 May)**

due by 22 May 2009

1. Using a spreadsheet program such as excel or other programming languages, make a program that allows us to calculate the state of stresses and displacements around a circular hole in a rock mass under any arbitrary magnitude of far-field boundary stresses, internal pressure, material properties and dimensions of the holes.