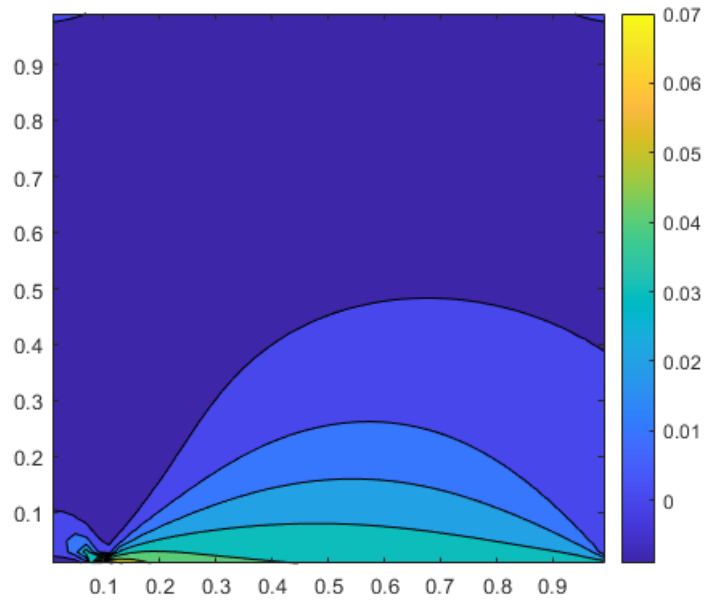
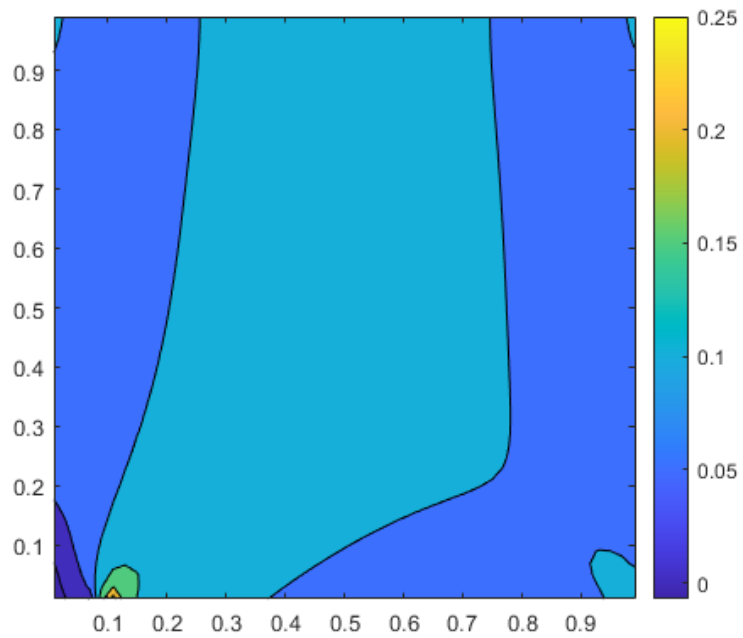


Stress Distribution:

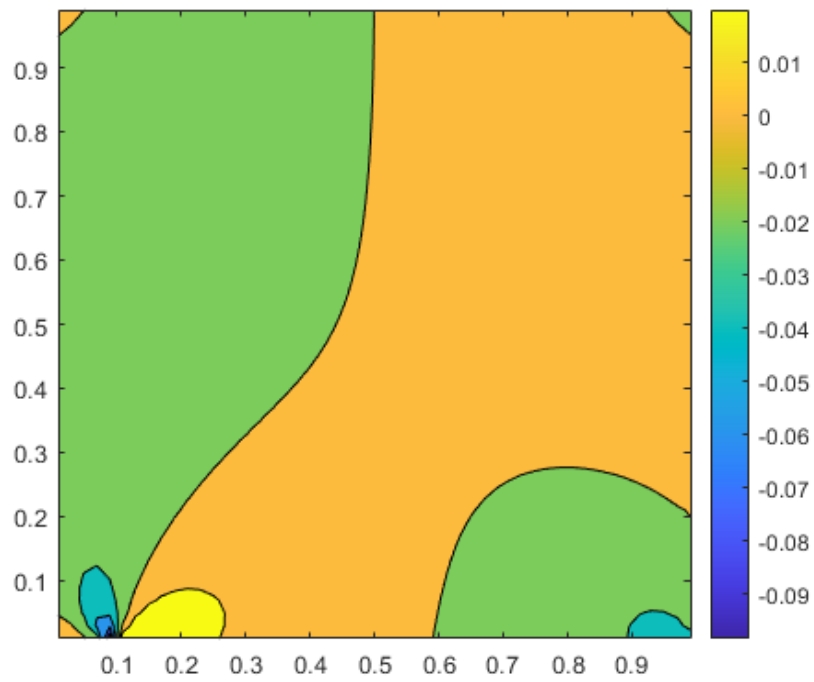
Stress Mapping - σ_{11} :



Stress Mapping - σ_{22} :

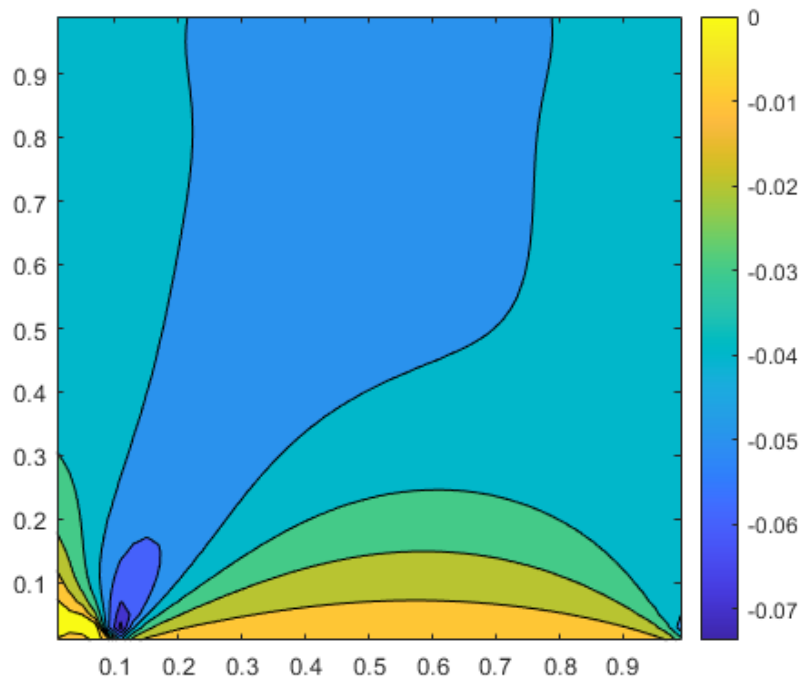


Stress Mapping - σ_{12} :

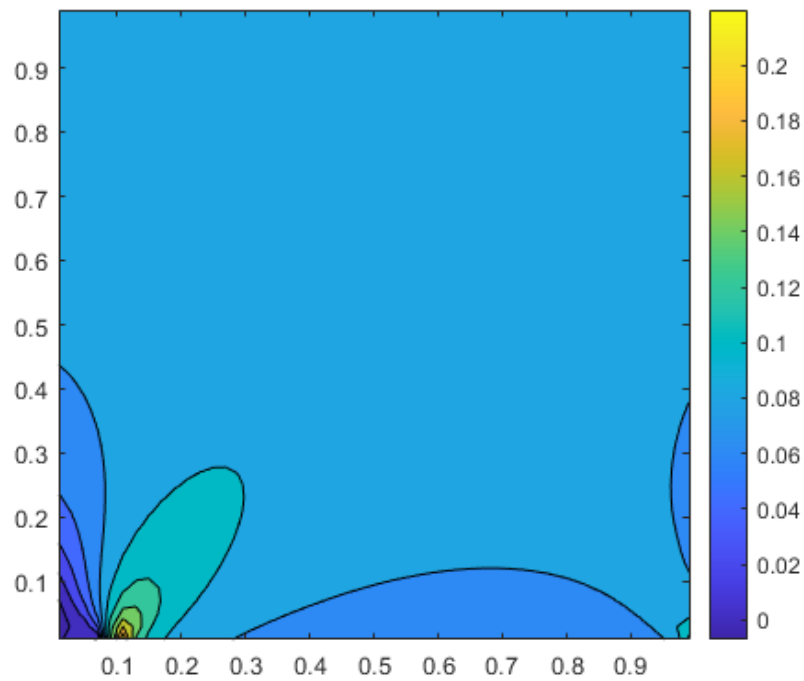


Strain Distribution:

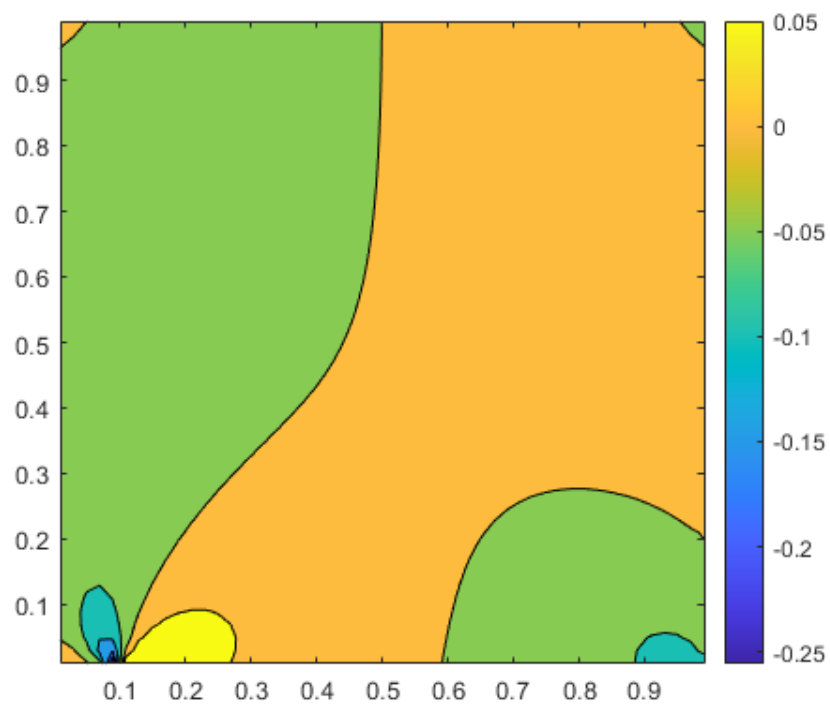
Strain Mapping - ε_{11} :



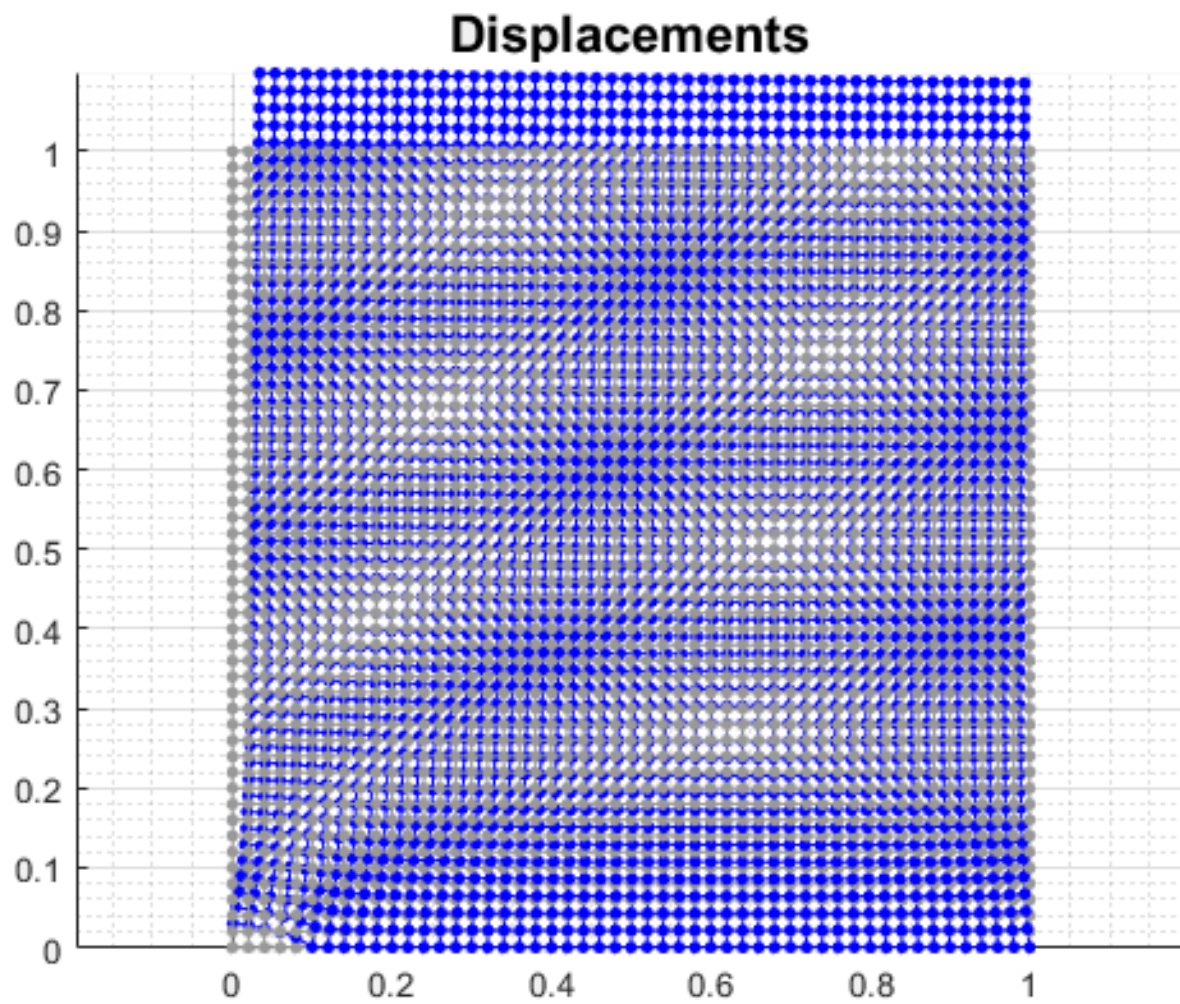
Strain Mapping - ε_{22} :



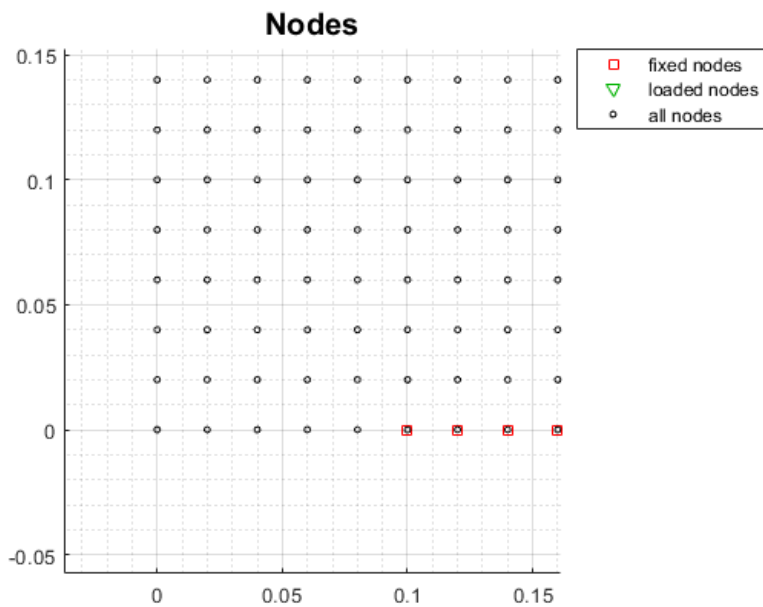
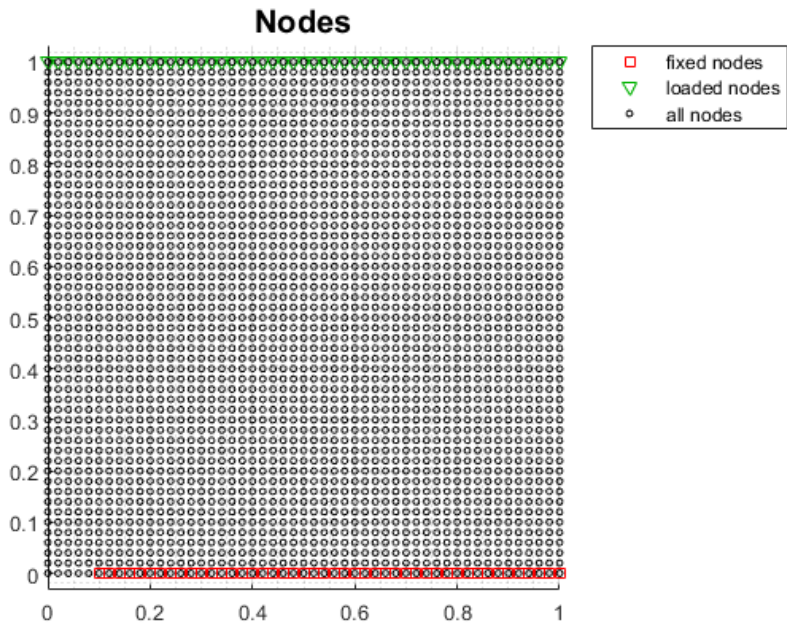
Strain Mapping - ε_{12} :



Deformed Shape:



Load Conditions:



Code:

https://github.com/ThomasBement/MECH-462/blob/main/Assignment%208/continuum_2D_plane_strain.m