

Modelli computazionali multifisici

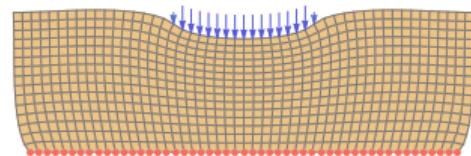
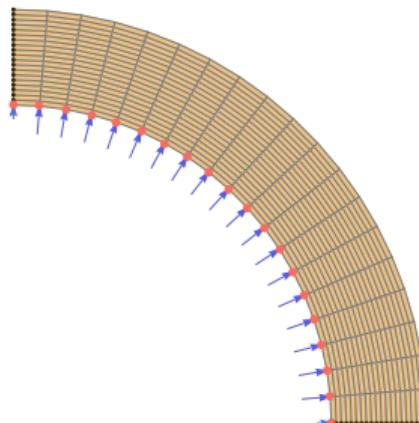
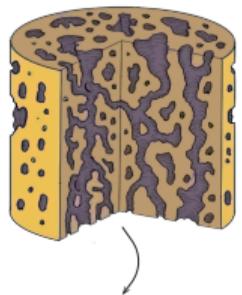
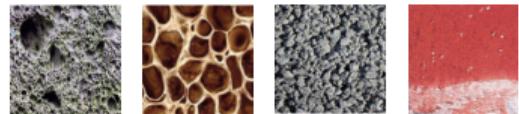
Poroelasticità e accoppiamenti chemo-meccanici

Alessandro Mastrofini

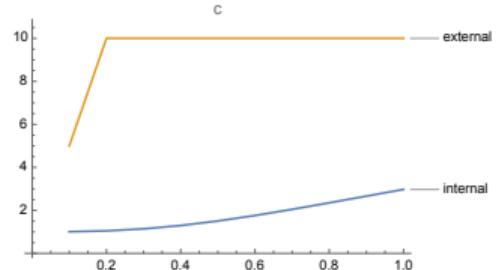
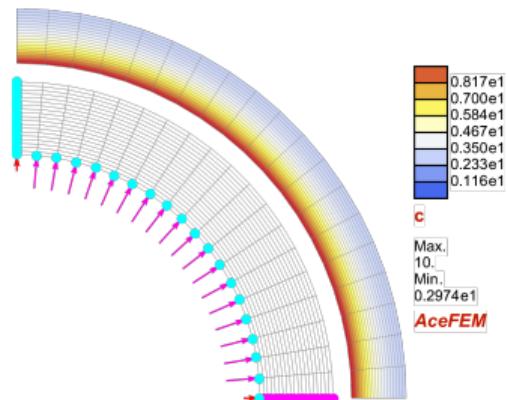
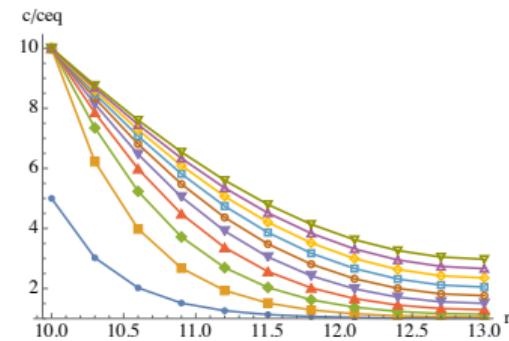
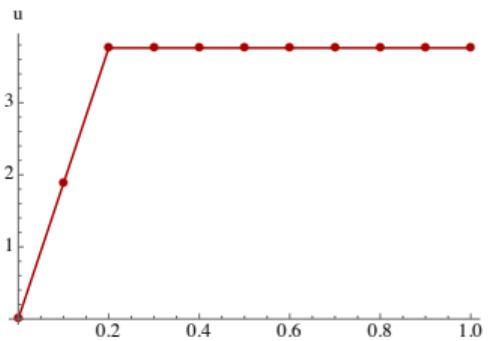
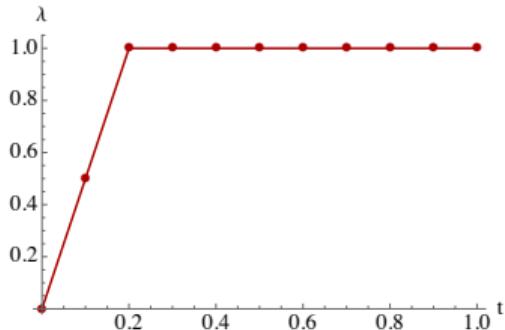
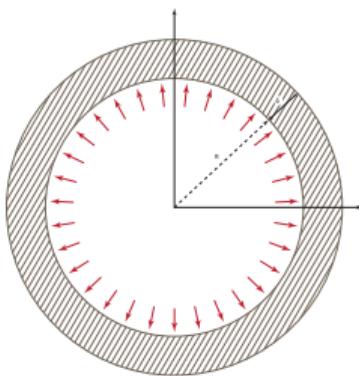
Meccanica Computazionale dei Tessuti e Biomateriali
Università degli Studi di Roma Tor Vergata

2022

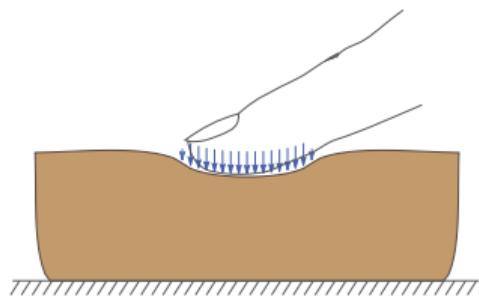
Multiphysics



Uncoupled response



Poroelasticity



FIG

FIG

$$\Omega_f (c - c_0) = \zeta = \alpha \varepsilon_{vol} + \frac{p}{M}$$

VARIAZIONE DELLA CONCENTRAZIONE NEL TEMPO: 3 FRAME

Drained conditions

Simmetry
