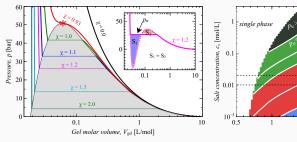
## Compression of hydrogel.



 $Gel \, molar \, volume, \, V_{\rm gel} \, [L/mol]$ Maxwell construction: Definition of  $p_{tr}$ 

Phase diagramm: transition pressure versus  $c_{\rm s}$  and  $\chi$ 

1.5

Solvent quality, x

2.5