Normal stress σ_{xx} along the loaded boundary (right side of RVE) 41.88 $-\sigma_0 = \frac{E_m}{1 - \nu_m^2} \varepsilon_{xx}$ 41.86 Small strain FEM 41.84 41.82 41.8 41.7841.76 **E** 41.74 41.72 41.72 41.68 41.66 41.64 41.62 41.6 41.5841.56-100 - 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20 - 10 010 20 30 40 50 60 70 80 90 100 $\mathbf{z} \left[\mu \mathbf{m} \right]$