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 41.78 41.76 **E** 41.74 41.72 41.72 41.68 41.6641.64 41.62 41.6 41.58 41.56 $-28-26-24-22-20-18-16-14-12-10-8-6-4-2\ 0\ 2\ 4\ 6$ 8 10 12 14 16 18 20 22 24 26 28 $\mathbf{z} \left[\mu \mathbf{m} \right]$