



Wedge wetting by an electrolyte solution

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Introduction

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This statement requires citation [?].

Interactions

- βU^* :
 - No distinction between particle types and
 - nearest neighbour interaction,
$$\beta U_{\alpha,\alpha'}^*(l,j,n,m) = \frac{1}{3T^*} \cdot " \delta_{\text{nearest neighbour}} "$$
- βV^* :
 - No distinction between particle types,
 - gaussian shape of interaction potential,
$$\beta \Phi(r) = A \cdot \exp \left(-(r/\lambda)^2 \right)$$
 and
 - total external potential as superposition of the two walls.
- $\beta U_{\text{el.}}$:
 - Calculation via defined functional \mathcal{E} , describing potential energy, $\beta U_{\text{el.}} = -\beta \mathcal{E}[\bar{\Psi}[q, \epsilon_r], q, \epsilon_r]$.

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