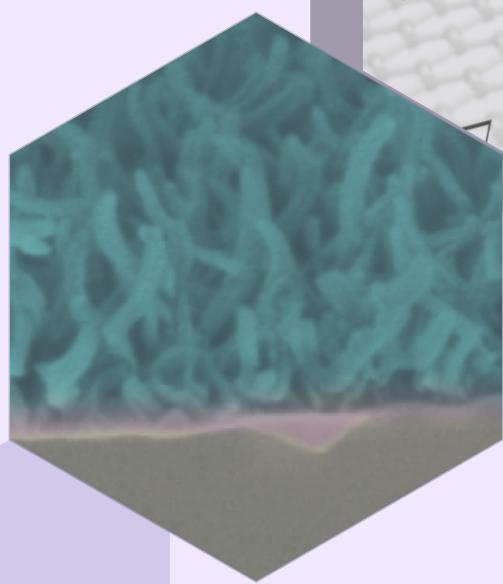
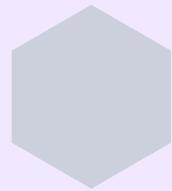


Modeling and Engineering the Interfacial Properties of Two-Dimensional Materials



$$\frac{\alpha_{2D}^{\parallel}}{\epsilon_0 L}$$

$$\hat{\eta}_{vdW}(i\xi_n) = \frac{G(i\xi_n)}{G^0(i\xi_n)}$$

$$\theta^* = -\Phi_{SL}$$

$$(\omega_n, k) d^2k$$

$$E(k) = \pm v_F |k|$$

$$\Delta\gamma$$



$$\cos \theta_i^* = r_f \cos \theta_i$$

$$\lambda_D = \sqrt{\frac{\epsilon_0 \epsilon_w k_B T}{\sum_i 2 z_i^2 e^{2 n_i}}}$$

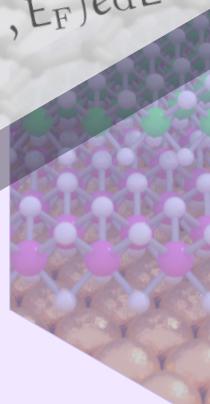
$$n = (1 + C_G/C_S)^{-1}$$

$$\nabla \cdot (\epsilon_r(\mathbf{r}) \nabla \psi(\mathbf{r}))$$

$$\nabla \cdot (D_i \nabla n_i + k_B T z_i n_i e \nabla \psi)$$

$$Q = \int_{-\infty}^{\infty} DOS(E') f(E', E_F) e dE'$$

$$1 - \frac{1}{\sigma'}$$



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