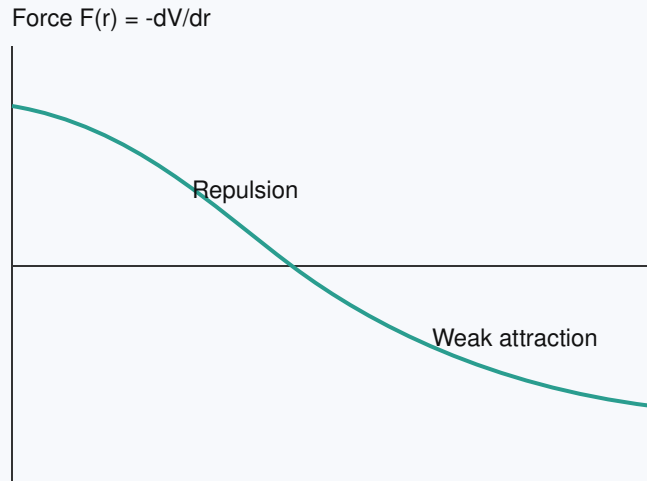
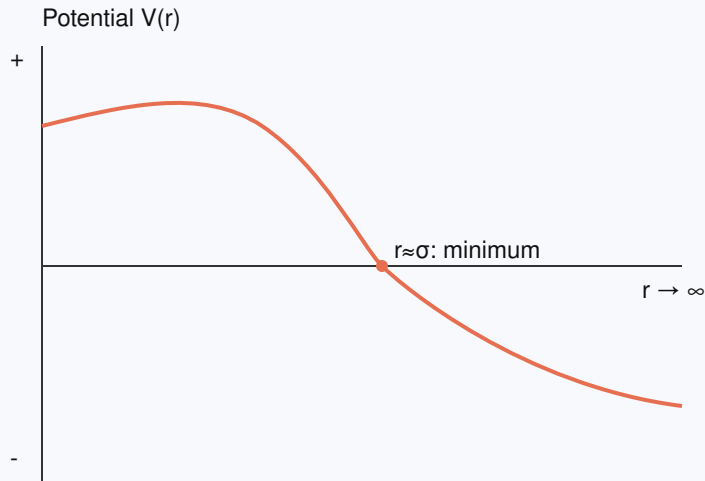


Modified Lennard-Jones: Potential and Force



$\epsilon_{ij} = \sqrt{\epsilon_i \epsilon_j} (1 + \beta_{ij})$ encodes biological similarity; $\sigma_{ij} = (\sigma_i + \sigma_j)/2$ sets interaction radius. Curves are conceptual.