

Research Update

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We have a set of points $x_1, x_2, ... x_N$ Using the Morse potential V as the pairwise potential we can calculate th total potential E.

$$V(x_i, x_j) = (1 - \exp(-a(r - r_e)))^2$$
 $E = \sum_{(i,j)} V(x_i, x_j)$

The Morse potential has a minimum at $r_{\rm e}$ We set a=1/10 and $r_{\rm e}=1/\sqrt(N)$



























