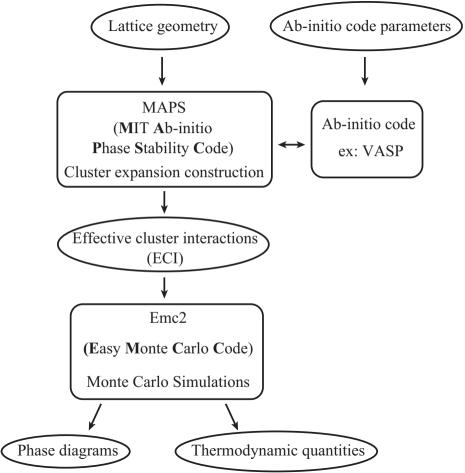
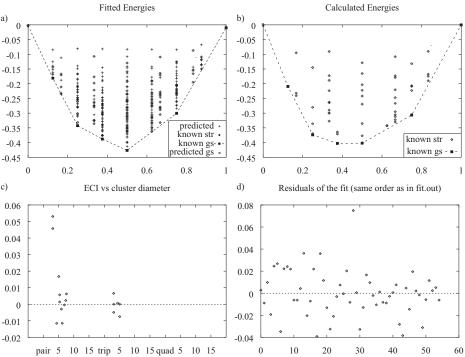


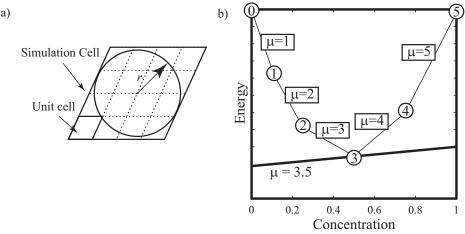
$$= \sum_{\alpha} m_{\alpha} J_{\alpha} \left\langle \prod_{i \in \alpha'} \sigma_i \right\rangle$$

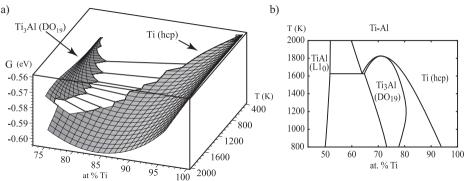
 $E(\sigma)$



$$\text{CV} = \left(\frac{1}{n} \sum_{i=1}^{n} \left(E_i - \hat{E}_{(i)} \right)^2 \right)^{1/2}$$







$$\phi = G - \mu x$$