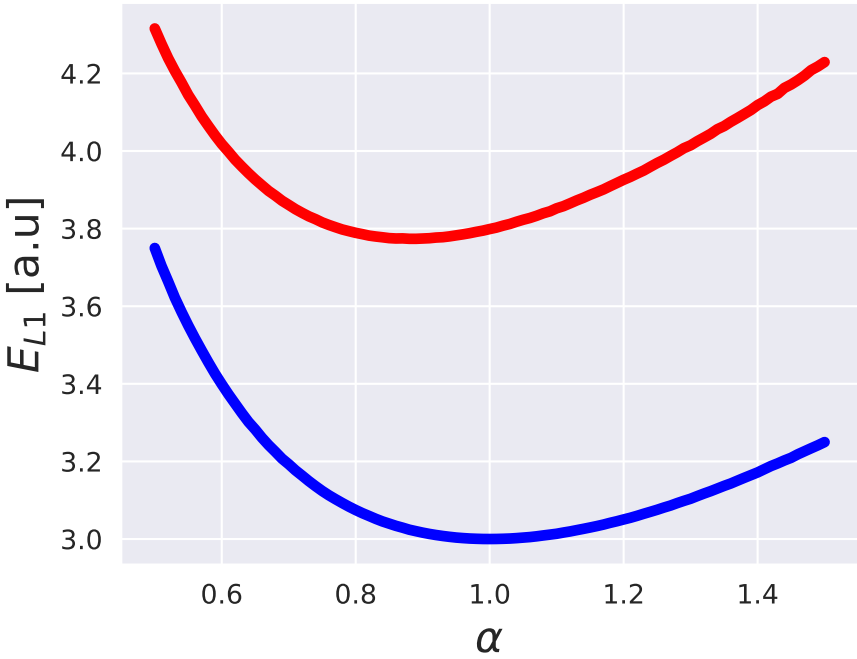


Energy as function of  $\alpha$



Distance  $r_{12}$  as function of  $\alpha$

