

Stiff homopolymer chains and specific interactions

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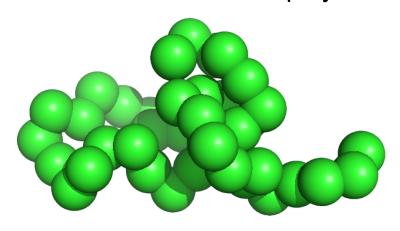
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CompPhys17, Leipzig, 30.11. - 1.12.2017

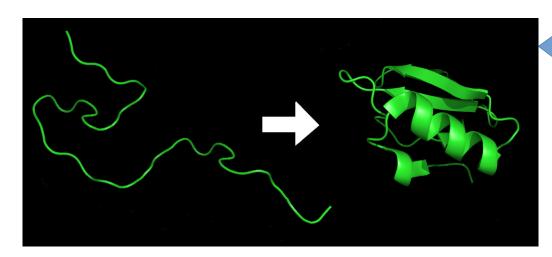
Stiffness & Specific Interactions



Structure formation of homopolymer chain



Folding of proteins (biopolymers)

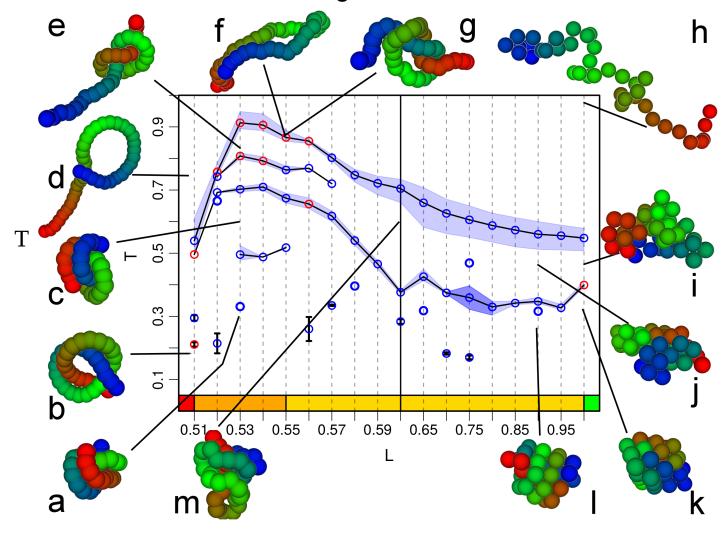


Stiffness Specific interactions

Stiffness

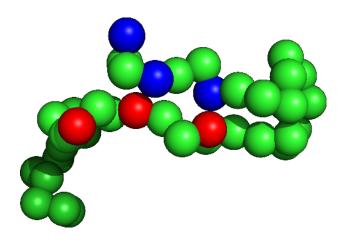


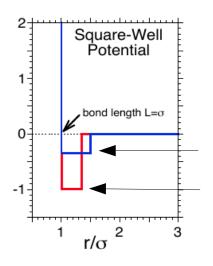
stiffness as varation of the bondlength

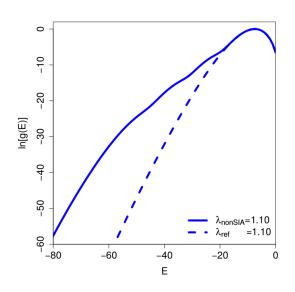


Specific Interactions









unspecific interaction specific interaction