

Molecular Dynamics of

WATER CLUSTERS

Represented by

NGUYEN VU LINH

Directory for MD simulations of water clusters.

HOME/MDTutorial/Exercises/Exc1

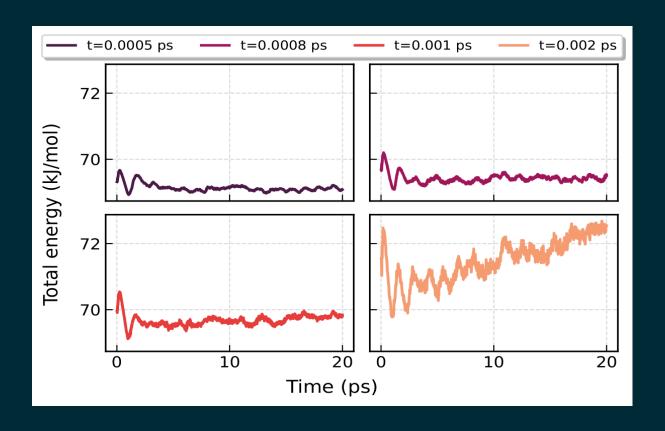
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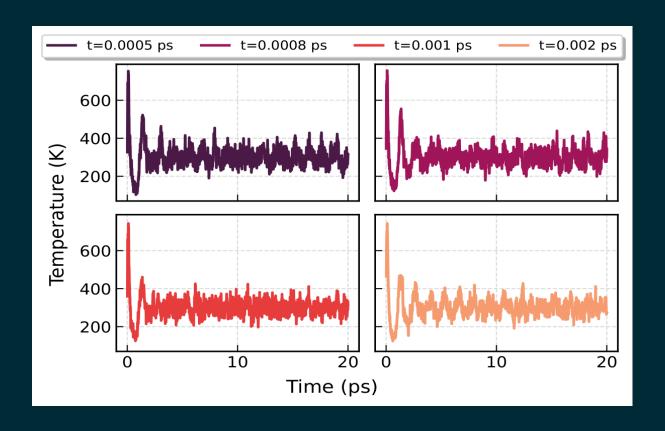
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 - compile_different_deltaT.sh

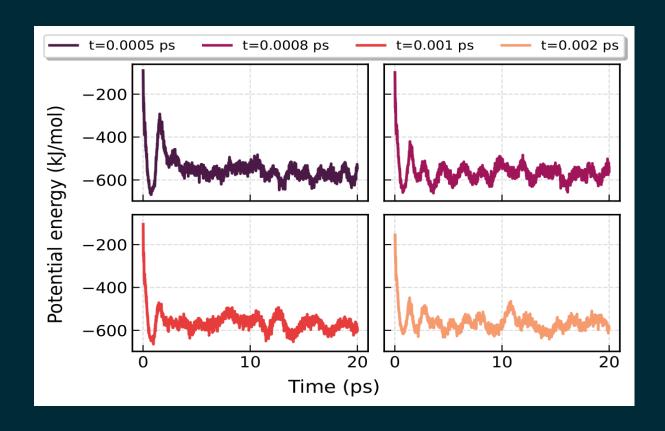
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 - compile_different_deltaT.sh
 - read_HW_data.sh

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 - final_exam-Temp
 - compile_different_deltaT.sh
 - read_HW_data.sh
 - read_OW_data.sh

FINDING EQUILIBRIUM REGION

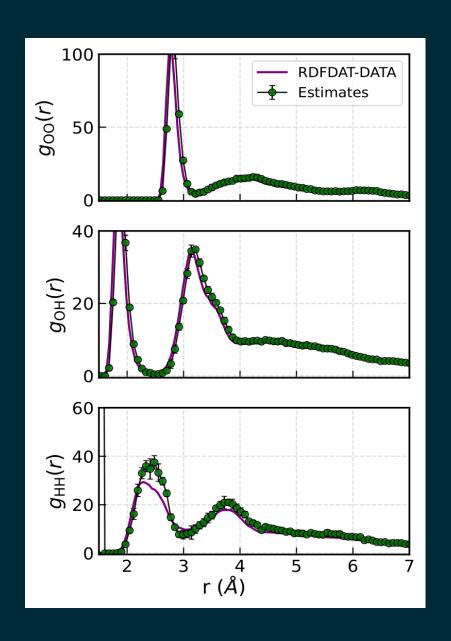


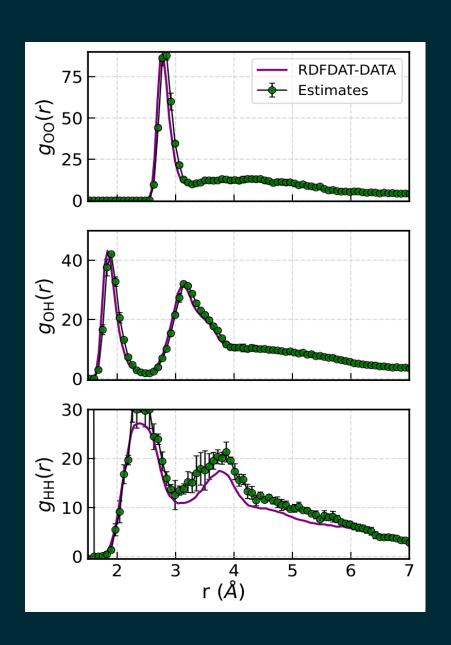


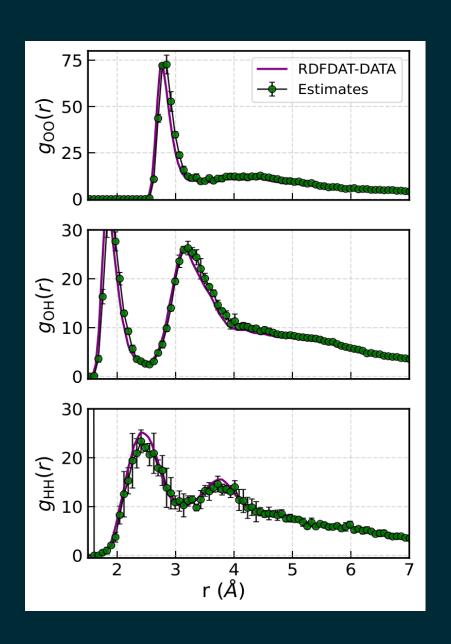


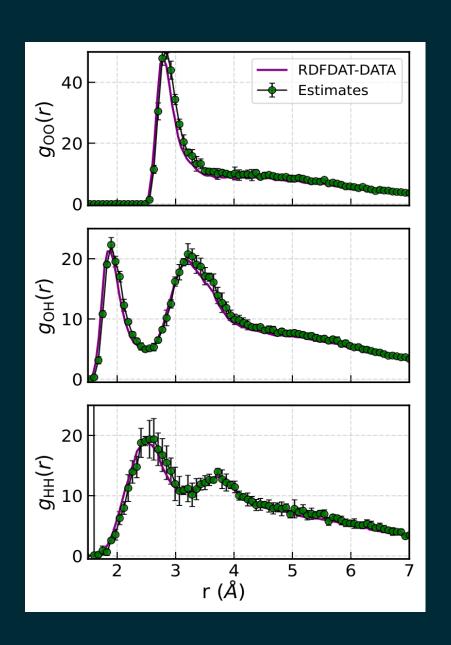
RADIAL DISTRIBUTION FUNCTION

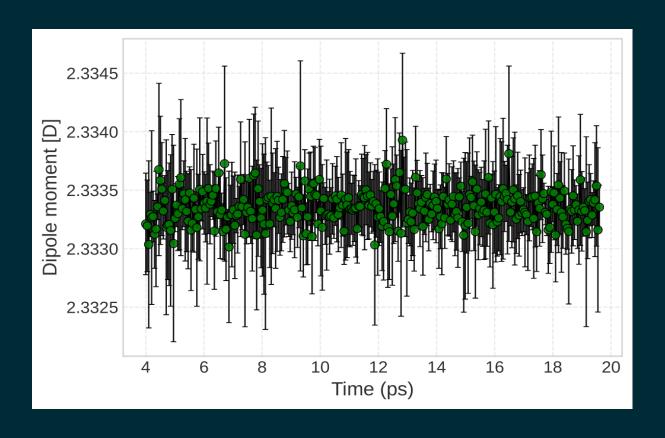
$$g(r)=rac{dN_r}{4\pi r^2 dr
ho}$$

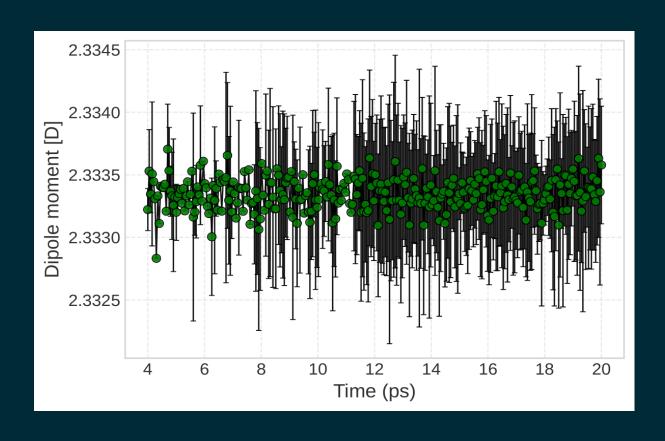


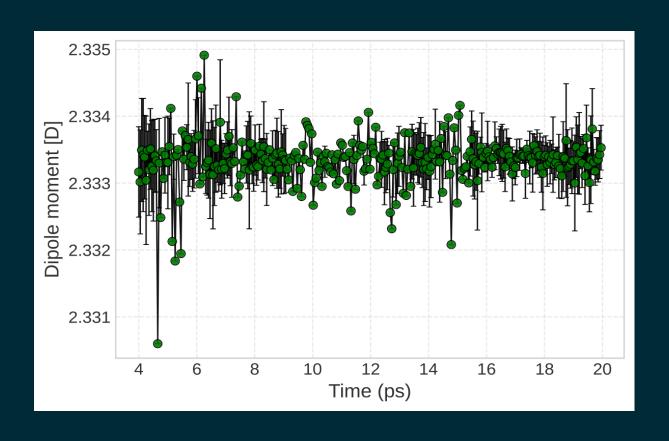


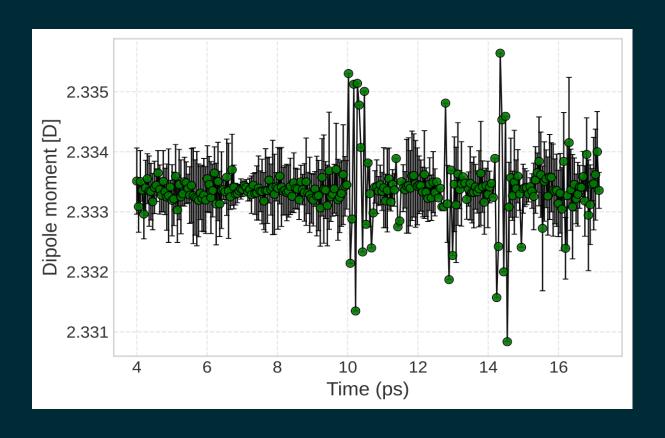






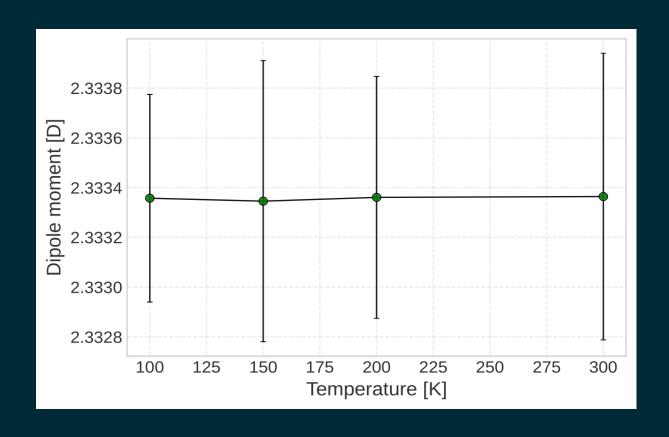






Dipole fluctutation of water molecules

Dipole fluctutation of water molecules



DIFFUSION CONSTANT AT 300 K

Hydrogen Oxygen

