# **Excercise 5**

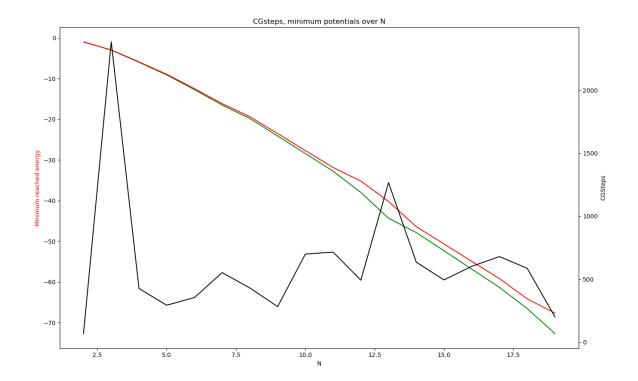
### Plot PDF

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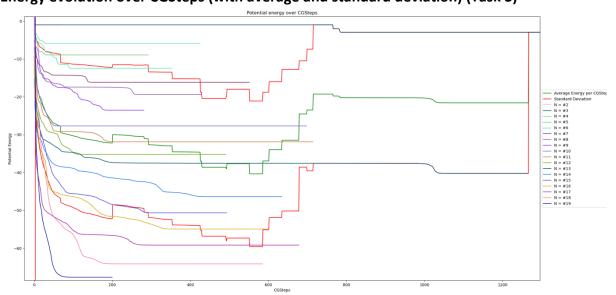
## U<sub>min</sub> and CGSteps over N (Task 2)

red: U<sub>min</sub> calculated by our method

green: U<sub>min</sub> from given paper (Lennard Jones simulation problem)



#### Energy evolution over CGSteps (with average and standard deviation) (Task 3)



# Deviation from fitted function values over N (Task 4)

