

Lecture 4 – questions & survey

Answer with yes/maybe/no:

1. Explain role on statistical mechanics to link Macroscopic vs. microscopic states.
 2. How to relate microscopic states to macroscopic variables?
 3. What is the key NVE ensemble?
 4. Explain the ergodic hypothesis?
 5. Can you see a difference in the ensemble or time average? Explain details.
 6. Explain the Metropolis-Hastings algorithm.
 7. Explain the main difference between MD and MC methods.
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On a scale from 1-7 please rate:

7. Were the goals of today's lecture clear?
8. Was today's lecture clear?
9. Did you feel that today's lecture contributed to your understanding of the topic?
10. What could have been improved in order to make this lecture more useful?
11. Is the level of teaching appropriate? What should we change?
12. Please give us overall feedback regarding IM/S so far how interesting are lectures, overall impression, suggestions for changes, etc.).