

# Reading assignment for week of January 12

## Computational Statistical Physics (Physics 7810) – Spring 2020

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### **Introduction to computer simulation**

- *Pathria and Beale*, Chapter 16 (posted on Canvas under Modules/Resources (Pathria\_Beale\_ch16.pdf))
- *Allen and Tildesley*, Chapter 1

### **Molecular dynamics**

- *Allen and Tildesley*, Chapter 3, through Section 3.2
- *Frenkel and Smit*, Chapter 4, through Section 4.3 (posted on Canvas under Modules/Resources (Frenkel\_Smit\_ch4.pdf))

Materials posted behind the Canvas firewall (e.g., the chapters from Pathria and Beale and Frenkel and Smit) are for classroom use only, and are not to be shared with the outside world.