

Advanced Physical Chemistry

Suggested Literature

Thermodynamics block

- 1) P. W. Atkins: Physical Chemistry (Oxford).
- 2) Baranyai András, Schiller Róbert: Statisztikus mechanika vegyészeknek (Akadémia Kiadó, Budapest, 2003.) *Unfortunately, this book is only in Hungarian ... Non-Hungarian students, please, consult with Professor Baranyai.*

Theoretical Chemistry block

- 1) P. W. Atkins: Physical Chemistry (Oxford).
- 2) Peter W. Atkins and Ronald S. Friedman: Molecular Quantum Mechanics (Oxford)
- 3) Frank Jensen: Introduction to Computational Chemistry (Wiley)

Macromolecular Chemistry block

- 1) P. C. Hiemenz, T. P. Lodge: Polymer Chemistry (2nd edition, CRC Press, 2007).
- 2) J. M. G. Cowie, V. Arrighi: Polymers: Chemistry and Physics of Modern Materials (Third Edition, CRC Press, 2007).