

CHEM30006: Advanced Physical & Theoretical Chemistry

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[1]

P. W. Atkins and J. De Paula, Atkins' Physical chemistry, 7th ed. Oxford: Oxford University Press, 2002 [Online]. Available:
<https://bibliu.com/users/saml/samlUniversityOfBristol?RelayState=eyJjdXN0b21fbGF1bmNoX3VyYbCl6liMvdmllldy9ib29rcy85NzgwMTkxMDkyMTgzL2VwdWlvT0VCUFMvQ29udGVudHMu aHRtbCJ9>

[2]

M. Brouard, Reaction dynamics, vol. 61. Oxford: Oxford University Press, 1998.

[3]

K. A. Dill and S. Bromberg, Molecular driving forces: statistical thermodynamics in biology, chemistry, physics, and nanoscience, 2nd ed. London: Garland Science, 2011.

[4]

J. Keeler and P. Wothers, Chemical structure and reactivity: an integrated approach. Oxford: Oxford University Press, 2014 [Online]. Available:
<https://bibliu.com/users/saml/samlUniversityOfBristol?RelayState=eyJjdXN0b21fbGF1bmNoX3VyYbCl6liMvdmllldy9ib29rcy85NzgwMTkyNTQ5OTY5L3BkZjJodG1sZXgvaW5kZXguaHRtbCJ9>

[5]

I. W. Hamley, Introduction to soft matter: synthetic and biological self-assembling materials, Revised edition. Chichester: John Wiley & Sons, 2007 [Online]. Available:
<https://ebookcentral.proquest.com/lib/bristol/detail.action?docID=4434039>

[6]

J. M. Hollas, *Modern spectroscopy*, 4th ed. Chichester: Wiley, 2004.

[7]

J. M. Hollas, *High resolution spectroscopy*, 2nd ed. Chichester: John Wiley, 1998.

[8]

P. J. Flory, *Principles of polymer chemistry*. Ithaca, N.Y.: Cornell University Press, 1953.

[9]

P.-G. de Gennes, *Scaling concepts in polymer physics*. Ithaca, [N.Y.]: Cornell University Press, 1979.

[10]

D. H. Napper, *Polymeric stabilization of colloidal dispersions*. London: Academic Press, 1983.

[11]

M. Brouard, *Reaction dynamics*, vol. 61. Oxford: Oxford University Press, 1998.

[12]

M. J. Pilling and P. W. Seakins, *Reaction kinetics*. Oxford: Oxford University Press, 1995.

[13]

M. Brouard and C. Vallance, *Tutorials in molecular reaction dynamics*. Cambridge: RSC Publishing, 2010.

[14]

R. D. Levine, Molecular reaction dynamics. Cambridge: Cambridge University Press, 2005.

[15]

I. W. Hamley, Introduction to soft matter: synthetic and biological self-assembling materials, Revised edition. Chichester: John Wiley & Sons, 2007 [Online]. Available: <https://ebookcentral.proquest.com/lib/bristol/detail.action?docID=4434039>

[16]

J. N. Israelachvili, Intermolecular and surface forces, 2nd ed. London: Academic Press, 1991.