

Chemical Bonding and Reactivity (CHEM3017) (F13CBR)

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1.

Atkins PW, De Paula J, Keeler J. Atkins' Physical chemistry. Twelfth edition. Oxford: Oxford University Press; 2023.

2.

Holbrook KA, Pilling MJ, Robertson SH, Robinson PJ. Unimolecular reactions. 2nd ed. Chichester: John Wiley & Sons; 1996.

3.

Harris DC, Bertolucci MD. Symmetry and spectroscopy: an introduction to vibrational and electronic spectroscopy. New York: Oxford University Press; 1978.

4.

Wright MR. An introduction to chemical kinetics [Internet]. Chichester: Wiley; 2004. Available from:
<https://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=239009>

5.

Cramer CJ. Essentials of computational chemistry: theories and models [Internet]. 2nd ed. Chichester: Wiley; 2004. Available from:
<https://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=232703>

6.

Leach AR. Molecular modelling: principles and applications. 2nd ed. Harlow: Prentice Hall; 2001.

7.

Jensen F. Introduction to computational chemistry [Internet]. 3rd ed. Chichester: John Wiley & Sons; 2017. Available from:
<http://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=4751479>

8.

Atkins PW, Friedman R. Molecular quantum mechanics. 5th ed. Oxford: Oxford University Press; 2011.

9.

Szabo A, Ostlund NS. Modern quantum chemistry: introduction to advanced electronic structure theory [Internet]. Mineola, N.Y.: Dover Publications; 1996. Available from:
<https://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=1894806>