

Chemical Bonding and Reactivity (CHEM3017) (F13CBR)

View Online



Atkins, P.W., De Paula, J. and Keeler, J. (2023) Atkins' Physical chemistry. Twelfth edition. Oxford: Oxford University Press.

Atkins, P.W. and Friedman, R. (2011) Molecular quantum mechanics. 5th ed. Oxford: Oxford University Press.

Cramer, C.J. (2004) Essentials of computational chemistry: theories and models. 2nd ed. Chichester: Wiley. Available at:
<https://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=232703>.

Harris, D.C. and Bertolucci, M.D. (1978) Symmetry and spectroscopy: an introduction to vibrational and electronic spectroscopy. New York: Oxford University Press.

Holbrook, K.A. et al. (1996) Unimolecular reactions. 2nd ed. Chichester: John Wiley & Sons.

Jensen, F. (2017) Introduction to computational chemistry. 3rd ed. Chichester: John Wiley & Sons. Available at:
<http://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=4751479>.

Leach, A.R. (2001) Molecular modelling: principles and applications. 2nd ed. Harlow: Prentice Hall.

Szabo, A. and Ostlund, N.S. (1996) Modern quantum chemistry: introduction to advanced electronic structure theory. Mineola, N.Y.: Dover Publications. Available at:
<https://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=1894806>.

Wright, M.R. (2004) An introduction to chemical kinetics. Chichester: Wiley. Available at:
<https://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=239009>.