Reading for Chemistry 8541
“Dynamics”
Fall Semester 2014

Instructor: Donald G. Truhlar

Textbooks:

Snieder; Cambridge University Press, paperback, 2004).


Other reading, recommended:

1960.


“Classical Mechanics,” 5th edition, T. W. B. Kibble and F. H. Berkshire; Imperial College

“Mathematical Methods for Scientists and Engineers,” D. A. McQuarrie; University Science

Other reading, the classics:

"Methods of Theoretical Physics," P. M. Morse and H. Feshbach; McGraw-Hill, New York,
1953. (two volumes)

Amsterdam and Boston, 2005.

“Classical Mechanics,” 3rd edition, H. Goldstein, C. Poole, J. Safko; Addison Wesley, San
Francisco, 2002. Older editions are just as good, if not better.

“Mechanics,” L. D. Landau and E. M. Lifshitz; Pergamon, Addison-Wesley, Reading, MA,
1960.