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The second edition of Chemical Kinetics and Dynamics has been revised to include the latest information as well as new topics, such as heterogeneous reactions in atmospheric chemistry, reactant product imaging, and molecular dynamics of  $\text{H} + \text{H}_2$ . It provides an experimental observation of the transition state ("Femtochemistry"); new treatment of stratospheric chemistry, including heterogeneous

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"dynamics". Dynamics is itself divided into two general areas: kinetics, which deals with the rate of change and is the subject of this lesson.

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