

SECTION OVERVIEW

2.3: Chemical Kinetics II- Reaction Mechanisms

2.3.1: A Mechanism is a Sequence of Elementary Reactions

2.3.2: The Principle of Detailed Balance

2.3.3: Multiple Mechanisms are often Indistinguishable

2.3.4: The Steady-State Approximation

2.3.5: Rate Laws Do Not Imply Unique Mechanism

2.3.6: The Lindemann Mechanism

2.3.7: Some Reaction Mechanisms Involve Chain Reactions

2.3.8: A Catalyst Affects the Mechanism and Activation Energy

2.3.9: The Michaelis-Menten Mechanism for Enzyme Catalysis

2.3.10: Predicting Rate Laws from Proposed Mechanisms

2.3.E: Chemical Kinetics II- Reaction Mechanisms (Exercises)

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