

Collisional Energy Transfer in Unimolecular Reactions. Statistical Theory and Classical Simulation.

Sture Nordholm

Department of Physical Chemistry
University of Göteborg/CTH
S-41296 Göteborg, Sweden

and

Harold W. Schranz

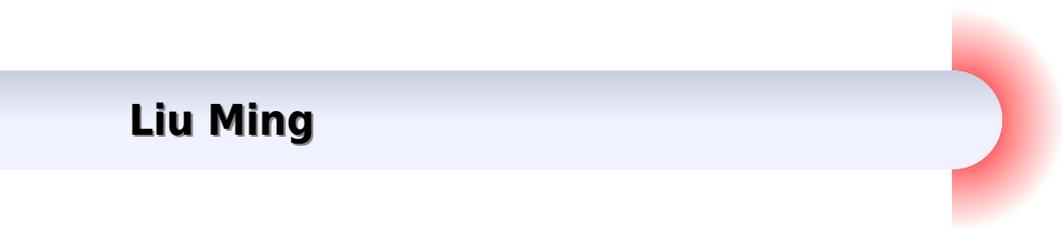
Research School of Chemistry
The Australian National University
Canberra, ACT 0200
Australia

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Dynamical And Statistical Studies Of Collisional Energy Transfer

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Dynamical and Statistical Studies of Collisional Energy Transfer Liu Ming,1995 *Energy Research Abstracts* ,1982
Collisional Energy Transfer Study by Statistical and Dynamical Simulation Liu Ming, Institutionen för fysikalisk kemi (Göteborg),1994 **Encyclopedia of Chemical Physics and Physical Chemistry** John H. Moore,Nicholas D. Spencer,2023-07-03 The Encyclopedia of Physical Chemistry and Chemical Physics introduces possibly unfamiliar areas explains important experimental and computational techniques and describes modern endeavors The encyclopedia quickly provides the basics defines the scope of each subdiscipline and indicates where to go for a more complete and detailed explanation Particular attention has been paid to symbols and abbreviations to make this a user friendly encyclopedia Care has been taken to ensure that the reading level is suitable for the trained chemist or physicist The encyclopedia is divided in three major sections FUNDAMENTALS the mechanics of atoms and molecules and their interactions the macroscopic and statistical description of systems at equilibrium and the basic ways of treating reacting systems The contributions in this section assume a somewhat less sophisticated audience than the two subsequent sections At least a portion of each article inevitably covers material that might also be found in a modern undergraduate physical chemistry text METHODS the instrumentation and fundamental theory employed in the major spectroscopic techniques the experimental means for characterizing materials the instrumentation and basic theory employed in the study of chemical kinetics and the computational techniques used to predict the static and dynamic properties of materials APPLICATIONS specific topics of current interest and intensive research For the practicing physicist or chemist this encyclopedia is the place to start when confronted with a new problem or when the techniques of an unfamiliar area might be exploited For a graduate student in chemistry or physics the encyclopedia gives a synopsis of the basics and an overview of the range of activities in which physical principles are applied to chemical problems It will lead any of these groups to the salient points of a new field as rapidly as possible and gives pointers as to where to read about the topic in more detail *Collision Dynamics of Methyl Radicals and Highly Vibrationally Excited Molecules Using Crossed Molecular Beams* Pamela Mei-Ying Chu,1991
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