DESCRIPTION

This series provides the chemical physics field with a forum for critical, authoritative evaluations of advances in every area of the discipline. Volume 131 includes chapters on: Polyelectrolyte Dynamics; Hydrodynamics and Slip at the Liquid-Solid Interface; Structure of Ionic Liquids and Ionic Liquid Compounds: Are Ionic Liquids Genuine Liquids in the Conventional Sense?; Chemical Reactions at Very High Pressure; Classical Description of Nonadiabatic Quantum Dynamics; and Non-Born Oppenheimer Variational Calculations of Atoms and Molecules with Explicitly Correlated Gaussian Basis Functions.

ABOUT THE AUTHOR

Stuart A. Rice received his master's and doctorate from Harvard University and was a Junior Fellow at Harvard for two years before joining the faculty of The University of Chicago in 1957 where he remains a well-known theoretical chemist who also does experimental research and is currently the Frank P. Hixon Distinguished Service Professor Emeritus at The University of Chicago. Professor Rice has served the university in a wide variety of capacities during his forty-eight year tenure. He served as the director of the James Franck Institute (the university's center for physical chemistry and condensed matter physics) from 1961 to 1967, was Chairman of the Department of Chemistry from 1971 to 1976 and was Dean of the Physical Sciences Division from 1981 to 1995. In 1999 he received the National Medal of Science.

In addition to his work at the University, he is currently on the Board of Governors at Argonne National Laboratory, managed by and affiliated with The University of Chicago, as well as Tel Aviv University. He has served as editor for Chemical Physics Letters,
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