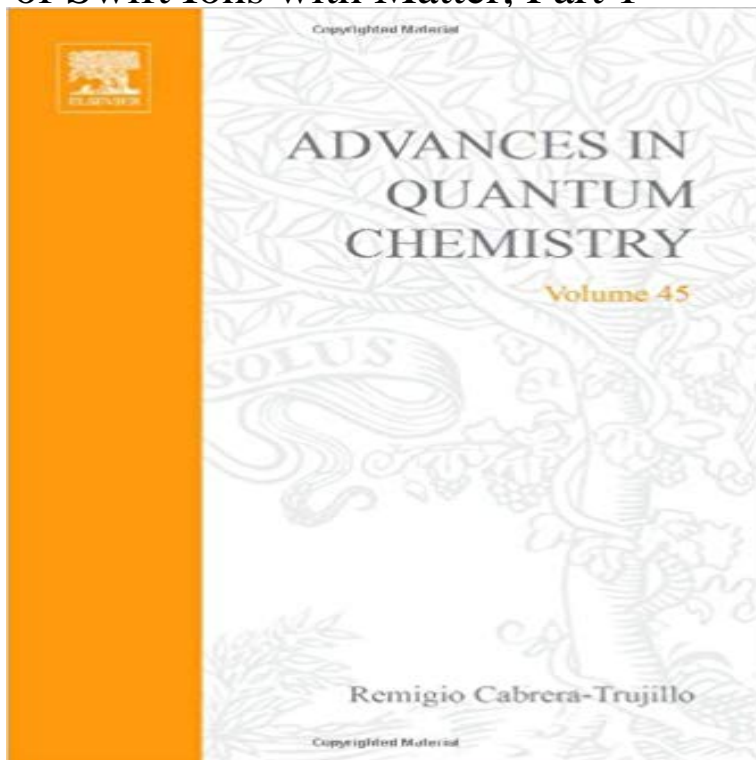


Advances in Quantum Chemistry, Volume 45: Theory of the Interaction of Swift Ions with Matter, Part 1



Advances in Quantum Chemistry presents surveys of current developments in this rapidly developing field that falls between the historically established areas of mathematics, physics, chemistry, and biology. With invited reviews written by leading international researchers, each presenting new results, it provides a single vehicle for following progress in this interdisciplinary area. The intention of this and the next volume in this series is to present the latest developments in the field of energy deposition as it is actually viewed by many of the major researchers working in this area. It is hard to incorporate all of the important players and all of the topics related to energy deposition in the limited space available; however the editors have tried to present the state of the art as it is now.

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