

Introduction To The Theory Of Collisions Of Electrons With Atoms And Molecules

S. P Khare

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The collision theory is based on the assumption that for a reaction to occur it species (atoms or molecules) to come
together or collide with one another. favourable to the necessary rearrangement of atoms and electrons.
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P. Khare, Introduction to the Theory of Collisions of Electrons with Atoms and Introduction To The Theory Of
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and . The exchange or sharing of the electrons between two or more atoms is the main . and in high-energy
collisions, for instance when cosmic rays enter the atmosphere. 1.1 Discovery; 1.2 Atomic theory; 1.3 Quantum
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of the Born theory of collisions* in 1926, its applica- tion to collisions of electrons with atoms has been treated in
Electron-Atom, Electron-Ion, and Electron-Molecule Collisions as, say, the theory of low-energy electron-atom
scattering (cf. the review by (I) a qualitative introduction to the principal physical features of electron-molecule.