

1. Record Nr.	UNINA9910872327503321
Autore	Pfister Bernhard
Titolo	Untersuchungen zum deutschen Vertriebenen- und Flüchtlingsproblem. : Zweite Abteilung: Einzeldarstellungen. I: Seraphim, Peter-Heinz: Die Heimatvertriebenen in der Sowjetzone
Pubbl/distr/stampa	Berlin : , : Duncker & Humblot, , 2022 ©1954
ISBN	9783428414048 3428414047
Edizione	[1st ed.]
Descrizione fisica	1 online resource (229 pages)
Collana	Schriften des Vereins für Socialpolitik
Soggetti	Refugees Social integration
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Vorwort -- Inhalt -- Verzeichnis des statistischen Anhangs -- Verzeichnis der Kartenbeigaben -- Einleitung -- I. Die Entwicklung des Vertriebenenproblems in der Sowjetzone -- 1. Die besonderen Voraussetzungen des Vertriebenenproblems -- 2. Das Einströmen der Heimatvertriebenen in die Sowjetzone -- 3. Die Flüchtlingspolitik des Sowjetzonenregimes -- II. Zahl, Verteilung und Gliederung der Heimatvertriebenen in der Sowjetzone -- 1. Wert der sowjetzonalen Statistik -- 2. Die Verteilung der Heimatvertriebenen in der SbZD, ihre Herkunft und ihr Religionsbekenntnis -- 3. Die Heimatvertriebenen nach Familienstand, Geschlecht, Alter und Beruf -- 4. Die Veränderung der Zahl der Heimatvertriebenen in der SbZD 1946–1951 -- III. Die Heimatvertriebenen in der Landwirtschaft der Sowjetzone -- 1. Heimatvertriebene und „Bodenreform“ -- 2. Lage der heimatvertriebenen Neusiedler -- a) Siedlungsgröße und Bodengüte -- b) Inventar- und Kreditlage -- c) Siedlungszeitpunkt -- d) Berufliche Eignung der Siedler -- e) Persönliche Verhältnisse der Siedler -- f) Die Siedlerflucht -- g) Zusammenfassung -- 3. Die Heimatvertriebenen als Landarbeiter -- IV. Die Heimatvertriebenen in der gewerblichen Wirtschaft, in der Verwaltung und in den freien Berufen -- 1. Die Heimatvertriebenen in der Industriearbeiterschaft --

2. Die Heimatvertriebenen in Handwerk, Gewerbe und Handel -- 3. Die Vertriebenen im Genossenschaftswesen -- 4. Die Heimatvertriebenen als Angestellte und in den freien Berufen

**Sommario/riassunto**

This book, published in 1954, addresses the challenges faced by German expellees and refugees in the Soviet-occupied zone of post-war Germany. It provides a detailed analysis of the socio-economic conditions these individuals encountered, focusing on their integration into agriculture, commerce, and various professions. The book also examines the policies aimed at assimilating these populations and the social dynamics between the newcomers and the established residents. The author, Prof. Dr. Peter-Heinz Seraphim, aims to shed light on the complexities of resettlement and assimilation in a politically and economically challenging environment. The text is intended for scholars and policymakers interested in post-war European history and the socio-political implications of forced migration.

2. Record Nr.	UNINA9910959402703321
Autore	Eichler Jorg <1934->
Titolo	Lectures on ion-atom collisions : from nonrelativistic to relativistic velocities // Jorg Eichler
Pubbl/distr/stampa	Boston, : Elsevier, 2005
ISBN	1-280-63848-6 9786610638482 0-08-046111-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (273 p.)
Collana	North-Holland personal library
Disciplina	539.7/57
Soggetti	Ion-atom collisions Collisions (Nuclear physics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; Contents; Nonrelativistic collisions; Introduction; Classification of collisions; Units; Quantum formulation; Classical description of the nuclear motion; Semiclassical description; Single-

electron approximation; Classical-trajectory Monte Carlo calculations (CTMC); Low-energy collisions: Basis expansions; Coupled-channel description: General outline; Electron translation factors; Molecular orbital model: The Born- Oppenheimer expansion; Molecular orbitals: Correlation diagrams and couplings; Molecular orbital (MO) x-rays; Two levels: Landau-Zener approximation  
Two levels: Stückelberg oscillations  
Molecular orbitals: Dynamical calculations; Two-center atomic expansions; Mathematical appendix: Single-center basis functions; High-energy collisions: Perturbation theory for direct reactions; The Born expansion; The Magnus expansion; The distorted-wave Born approximation (DWBA); Excitation and ionization: Partial-wave expansion; Ionization: The CDW-EIS approximation; High-energy collisions: Charge transfer; The Oppenheimer-Brinkman-Kramers approximation; The Jackson-Schiff and the Strong-Potential Born approximations  
Coulomb boundary conditions and gauge transformations  
The boundary-corrected first Born (BIB) approximation; The continuum-distorted wave (CDW) approximation; The eikonal approximation; Coupled-channel calculations for transfer at high energies; The Thomas double-scattering mechanism; Relativistic collisions; Relativistic kinematics and fields of moving charges; The Lorentz transformation; Transformation between a moving frame and the laboratory frame; Transformation of differential cross sections; Relativistic motion of interacting point charges; Lienard-Wiechert potentials  
The equivalent-photon method  
Relativistic electron motion; The Dirac equation for a central potential; Bound states in a Coulomb potential; Coulomb-Dirac continuum wavefunctions; Relativistic ion-atom collisions: General theory; Dirac equation for moving Coulomb potentials; Perturbative transition amplitudes; Two-center coupled-channel methods; Asymptotic solutions; Basis states satisfying Coulomb boundary conditions; Numerical solutions on a lattice in position space; Numerical solutions on a lattice in momentum space; Direct reactions: Excitation and ionization  
First-order perturbation theory  
Long-range couplings in perturbation theory; Two-center coupled-channel methods; Calculations on a lattice; Relativistic electron transfer; The cross section in first order; The relativistic eikonal approximation; Two-center coupled-channel methods; Theoretical and experimental cross sections; Frame- and basis-set dependence; Radiative electron capture (REC); The impulse approximation; Some basics: Born approximation for K-shell photoionization and REC; The Stobbe formula for K-shell photoionization and REC; Exact relativistic calculations  
REC cross sections from exact calculations

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## Sommario/riassunto

Atomic collisions offer some unique opportunities to study atomic structure and reaction mechanisms in experiment and theory, especially for projectiles of high atomic number provided by modern accelerators. The book is meant as an introduction into the field and provides some basic theoretical understanding of the atomic processes occurring when a projectile hits another atom. It also furnishes the tools for a mathematical description, however, without going deeper into the technical details, which can be found in the literature given. With this aim, the focus is on reactions, in which only

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