

1. Record Nr.	UNINA9910257431903321
Titolo	Forward electron ejection in ion collisions : proceedings of a symposium held at the Physics Institute, University of Aarhus, Aarhus, Denmark, June 29-30, 1984 // edited by K.O. Groeneveld, W. Meckbach, I.A. Sellin
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer-Verlag, , [1984] ©1984
ISBN	3-540-39099-5
Edizione	[1st ed. 1984.]
Descrizione fisica	1 online resource (VII, 168 p. 3 illus.)
Collana	Lecture Notes in Physics ; ; Volume 213
Disciplina	539.754
Soggetti	Heavy ion collisions Electrons - Capture Solids - Effect of radiation on
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Electron loss to the continuum for light ions -- Theoretical description of the cusp electrons ejected in asymmetric heavy-ion collisions -- Double differential cross section for electron capture to the continuum with molecular projectiles -- Density matrix description of collisional electron transfer into the continuum of ionic projectiles -- A time dependent secondary electron transport model -- Continuum-electron capture by 25-250-keV protons in helium -- The influence of a diffuse target on electron loss into the continuum double differential distributions -- CUSP studies for simple collision systems -- Doubly differential emission distributions for electron loss to the continuum from fast heavy projectiles in gas targets -- Projectile continuum electrons in highly charged ion-atom collisions -- L-shell vacancy production by electron capture to projectile-centered continuum states (ECC) in proton-argon collisions -- Electron capture into metastable Kr8+ recoil ions -- Three dimensional convoy electron velocity distributions produced by 60–270 keV proton impact on carbon foils -- Anomalous mean free paths for scattering of convoy electrons generated by fast, highly ionized ions in thin solid targets -- Rydberg-

state production in collisions between fast ions and carbon targets --
Convoy electrons from atomic and molecular heavy ion collisions with
solids -- Alignment of high rydberg states in hydrogen.
