

1. Record Nr.	UNINA9910257454003321
Titolo	Transport Phenomena [[electronic resource]] : Sitges International School of Statistical Mechanics, June 1974 Sitges, Barcelona/Spain // edited by G. Kirczenow, J. Marro
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1974
ISBN	3-540-37198-2
Edizione	[1st ed. 1974.]
Descrizione fisica	1 online resource (XIV, 520 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 31
Disciplina	530
Soggetti	Physics Physics, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Some simple remarks on the basis of transport theory -- Entropy, dynamics and scattering theory -- Response, relaxation and fluctuation -- Fluctuating hydrodynamics and renormalization of susceptibilities and transport coefficients -- Irreversibility of the transport equations -- Ergodic theory and statistical mechanics -- Correlation functions in Heisenberg magnets -- On the Enskog hard-sphere kinetic equation and the transport phenomena of Dense simple gases -- What can one learn from Lorentz models? -- Conductivity in a magnetic field -- Transport properties in gases in the presence of external fields -- Transport properties of dilute gases with internal structure.