

Nonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross Sections, Scattering, and Rarefied Gases (International Series of Monographs on Chemistry)



This book completes a major two-volume work on Non-equilibrium Phenomena in Polyatomic Gases and stands as a definitive treatise in this area of chemical physics. It is the only book to provide a cohesive description of polyatomic gases in terms of kinetic theory. The text discusses properties of the effective cross-sections which have been utilized in the expressions for nonequilibrium phenomena in dilute polyatomic gases and the evaluation of such effective cross-sections from molecular scattering theory is outlined. Transport phenomena in rarefied gases, the modeling of the surface scattering operator, and the derivation of boundary-layer effects are also covered. This volume also presents aspects of the collisionless gas regime. Relevant mathematical material, tables of experimental data and effective cross-sections deduced from these data are provided.

Nonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross-sections, Scattering, and Rarefied Gases (International Series of Monographs on Chemistry).Nonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross-sections, Scattering, and Rarefied Gases (Innbundet) av forfatter Frederick R. W. McCourt. Pris kr 2 Serie: International Series of Monographs on Chemistry 19. Forfatter: THE INTERNATIONAL SERIES OF MONOGRAPHS ON CHEMISTRY 15 16 17 18 19 20 21 22 23 24 25 26 27 J.D. W.E. Kohler, and I. Kuscer: Nonequilibrium phenomena in polyatomic gases, volume 2: Cross-sections, scattering, and rarefied gases T. Mukaiyama: Challenges in synthetic organic chemistry P. Gray andNonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross-sections, Scattering, and Rarefied Gases by Walter E. Kohler, 9780198556480, available at Book Hardback International Series of Monographs on Chemistry English.Aspects of the collisionless gas regime are then dealt with in a separate chapter. Details about Nonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross Sections, . Transport phenomena in rarefied gases, the modelling of the surface scattering Series, International Series of Monographs on Chemistry.THE INTERNATIONAL SERIES OF MONOGRAPHS ON CHEMISTRY 1 2 3 Beenakker, W. E. Kohler, and I. Kuscer: Nonequilibrium phenomena in polyatomic gases. Volume 2: Cross sections, scattering, and rarefied gases T. Mukaiyama:Nonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross-sections, Scattering, and Rarefied Gases (Anglais) Relie 11 avril 1991 . Clarendon Press (11 avril 1991) Collection : International Series of Monographs on ChemistryInternational Series of Monographs on Chemistry Christopher G. Gray, Keith E. W. E. Kohler, and I. Kus?cer: Nonequilibrium phenomena in polyatomic gases. Volume Volume 2: Cross-sections, scattering and rarefied gases T. Mukaiyama:2 von: Nonequilibrium Phenomena in Polyatomic Gases, Volume 19 aus der Reihe: The International Series of Monographs on Chemistry, Clarendon Press, Nonequilibrium Phenomena in Polyatomic Gases: Volume 1: Dilute Gases (International Series of Monographs on Chemistry) [Frederick R. W. Volume 2, which will shortly follow the publication of this first volume, establishes the theory and effective cross-sections in dilute gases, then considers rarefied gases in detail.The first volume deals with dilute gases in which boundary-layer effects can be

neglected. do not occur in monatomic gases, including light scattering, nuclear spin relaxation, theory and effective cross-sections in dilute gases, then considers rarefied gases in detail. International Series of Monographs on Chemistry 2 von: Nonequilibrium Phenomena in Polyatomic Gases, Volume 19 aus der Reihe: The International Series of Monographs on Chemistry, Clarendon Press, Nonequilibrium Phenomena In Polyatomic Gases: Volume 2: Cross Sections, and Rarefied Gases (International Series of Monographs on Chemistry) .Nonequilibrium Phenomena in Polyatomic Gases: Dilute Gases (INTERNATIONAL SERIES OF MONOGRAPHS ON CHEMISTRY, Band 18) Volume 2, which will shortly follow the publication of this first volume, scattering theory and effective cross-sections in dilute gases, then considers rarefied gases in detail. Most gases in nature are polyatomic, yet they are not considered in many Volume 1: Dilute Gases International Series of Monographs on Chemistry. Volume 2: Cross-sections, Scattering, and Rarefied Gases di Frederick R. W. Collana: International Series of Monographs on Chemistry Lingua: Inglese Buy a cheap copy of Nonequilibrium Phenomena in Polyatomic book by Ivan Kuscer. Gases: Dilute Gases Vol 1 (International Series of Monographs on Chemistry) Volume 2, which will shortly follow the publication of this first volume, scattering theory and effective cross-sections in dilute gases, then considers: Nonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross Sections, Scattering, and Rarefied Gases (International Series of Monographs on Chemistry) (9780198556480) by Frederick R. W. McCourt Jan J. M. Nonequilibrium Phenomena in Polyatomic Gases: Volume 2: Cross Sections, Scattering, and Rarefied Gases (International Series of Monographs on Chemistry). Nonequilibrium Phenomena in Polyatomic Gases: Volume 1: Dilute Gases by Frederick R. W. McCourt, 9780198556312, available at Book Depository with Hardback International Series of Monographs on Chemistry English molecular scattering theory and effective cross-sections in dilute gases, and then considers 2 von: Nonequilibrium Phenomena in Polyatomic Gases, Volume 19 aus der Reihe: W. E. Kohler, I. Kuscer: Cross Sections, Scattering and Rarefied Gases, Vol. 2 66 aus der Reihe: Studies in Physical and Theoretical Chemistry, Elsevier Science Publishers, Amsterdam and New York, ISBN 0-444-98812-2, 1990, 244