1.	Record Nr.	UNISA996385616203316
	Titolo	The last articles of peace made, concluded, accorded and agreed upon the 30 day of Iuly, 1646, by and between His Excellency, James Lord Marques of Ormond, Lord Lieutenant General, and General Governor of His Majesties Kingdom of Ireland, His Majesties Commisssioner, to treat and conclude a peace with His Majesties Roman Catholique subjects of the said kingdom, by vertue of His Majesties Commission under the great seal of England [[electronic resource]] : bearing date at Buckingham on the 24 day of June, in the twentieth year of his reign, for and on the behalf of His Most Excellent Majesty of the one part, and Donogh Lord Viscount Muskery and others appointed and authorized by His Majesties said Roman Catholique subjects, by vertue of an authority of the said Roman Catholique subjects, bearing date the sixth day of March, 1645, and in the one and twentieth year of His Majesties reign, of the other part
	Pubbl/distr/stampa	Imprinted first at Dublin, : by W. Bladen ... and now reprinted at London, : for Edw. Husband ..., Sept. 7, 1646
	Descrizione fisica	[6], 24 p
	Altri autori (Persone)	OrmondeJames Butler, Duke of, <1610-1688.>
	Soggetti	Ireland History 1625-1649 Sources
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Reproduction of original in Huntington Library.
	Sommario/riassunto	eebo-0113

2.	Record Nr.	UNINA9911009142503321
	Autore	Bottoni Maurizio
	Titolo	Molecular Dynamics - Theory and Applications / / by Maurizio Bottoni, Simone Mantovani, Gaetano Zanghirati
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
	ISBN	3-031-84567-6
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (487 pages)
	Collana	Mechanical Engineering Series, , 2192-063X
	Altri autori (Persone)	MantovaniSimone ZanghiratiGaetano
	Disciplina	541.394
	Soggetti	Fluid mechanics Mechanics, Applied Molecular dynamics Atmospheric science Nuclear engineering Engineering Fluid Dynamics Engineering Mechanics Molecular Dynamics Atmospheric Science Nuclear Energy
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1. Basic concepts of molecular dynamics -- Chapter 2. Examples of applications -- Chapter 3. Special applications of the discrete random deviation -- Chapter 4. Kaburaki, Nambu and the Japanese school -- Chapter 5. Aerosols and Atmospheric Physics -- Chapter 6. Thermal Confinement -- Chapter 7. Look into the future.
	Sommario/riassunto	This book originated from seminars given at the Institute of Nuclear Energy Technology (INET) of Tsinghua University, China, by the author in 1999. The courses gave graduate students a basic understanding of numerical techniques that would enable them to deal with problems of Computational Fluid Dynamics (CFD) and of molecular dynamics at research level. In subsequent years the lecture notes have been re-organized and implemented for students of atmospheric sciences of

the Physics Department of the University of Ferrara, Italy. The lecture notes are divided into eight chapters, where some chapters are characterized by a scholastic approach. Specifically, Chapter 1 describes the theoretical basis of molecular dynamics, Chapter 2 gives examples of applications, like the Bénard problem; and Chapter 3 presents a summary of applications of DLA (Diffusion Limited Aggregation). The remainder of the book follows a less conventional approach, mainly informed by the author's experience in the development of computer programs and in teaching. Chapter 4 is dedicated to a comparison of traditional and advanced methods of analysing nuclear safety problems in thermal and fast reactors, Chapter 5 concerns simulation of thermophoresis and aerosol displacement in atmospheric physics, and Chapter 6 discusses thermal confinement of cosmic particles due to thermophoretic forces in space domain. Addressing the recognized difficulty of proceeding from the theoretical formulations found in textbooks to properly working computer programs, and the typically large gap between the theoretical foundation and the final result, Molecular Dynamics - Theory and Applications is ideal for graduate level researchers and practitioners working in the development of codes for simulating physical problems. Describes a method to analysis of sodium vapor flow in the safety analysis of sodium cooled fast breeder reactors Gives a summary and examples of applications of several variants of Diffusion Limited Accreation Explains how to construct computer programs for simulation of thermophoresis and thermal confinement of particles.