

1. Record Nr.	UNISA996466806103316
Titolo	Materials and Fluids Under Low Gravity [[electronic resource]] : Proceedings of the IXth European Symposium on Gravity-Dependent Phenomena in Physical Sciences Held at Berlin, Germany, 2-5 May 1995 // edited by Lorenz Ratke, Hannes U. Walter, Berndt Feuerbacher
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1996
ISBN	3-540-49260-7
Edizione	[1st ed. 1996.]
Descrizione fisica	1 online resource (XVII, 428 p. 178 illus.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 464
Disciplina	620/.419
Soggetti	Gravitation Classical and Quantum Gravitation, Relativity Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	New critical phenomena observed under weightlessness -- Numerical solutions of thermoacoustic and buoyancy-driven transport in a near critical fluid -- Adsorption kinetics and exchange of matter at liquid interfaces and microgravity -- Critical depletion of pure fluids in colloidal solids: Results of experiments on EURECA and grand canonical Monte Carlo simulations -- Dendritic growth measurements in microgravity -- A study of morphological stability during directional solidification of a Sn?Bi alloy in microgravity -- Response of crystal growth experiments to time-dependent residual accelerations -- Growth of 20 mm diameter GaAs crystals by the floating zone technique during the D-2 Spacelab Mission -- Microstructure evolution in immiscible AlSiBi alloys under reduced gravity conditions -- Crystallization in solutions: Effects of micogravity conditions -- An investigation of the perfection of lysozyme protein crystals grown in microgravity and on earth -- Fluid-dynamic modelling of protein crystallizers -- Plasma crystals -- Are liquids molten solids or condensed gases? -- Containerless processing in space: Recent results -- The effect of natural convection on the measurement of mass transport coefficients in the liquid state -- Proboscis container shapes for the USML-2 interface configuration experiment -- Response of a

liquid bridge to an acceleration varying sinusoidally with time -- Nonuniform interfacial tension-driven fluid flows -- Pure thermocapillary convection in a multilayer system: First results from the IML-2 mission -- On vibrational convective instability of a horizontal binary mixture layer with Soret effect -- Thermocapillary convection in liquid bridges with a deformed free surface -- Onset of oscillatory Marangoni convection in a liquid bridge -- Convection visualization and temperature fluctuation measurement in a molten silicon column -- The micro wedge model: A physical description of nucleate boiling without external forces -- Theoretical models for boiling at microgravity -- Chemically driven convection in the Belousov-Zhabotinsky reaction -- Combustion processes under microgravity conditions -- Flat plate diffusion flames: Numerical simulation and experimental validation for different gravity levels -- High pressure droplet burning experiments in reduced gravity.

Sommario/riassunto

This careful selection of papers gives the reader an overview of the main research topics investigated at the conference and recent progress in understanding the physical phenomena involved. These lectures should therefore be a prime source of information for the expert as well as for graduate students. They cover critical point phenomena and adsorption, solidification, crystallization, static fluids and thermophysical properties, fluid dynamics and combustion. The importance of gravity as an experimental parameter and a variable in a large diversity of physical phenomena and processes has been recognized for some 25 years. The growth of this field of physics can be gleaned from the great number of satellites, sounding rockets, terrestrial trop towers, etc., that exist.

2. Record Nr.	UNISA996490345403316
Autore	Emde Boas P. van
Titolo	Analyzing the Logic of Sun Tzu in "The Art of War", Using Mind Maps [[electronic resource] /] / by Peter van Emde Boas, Ghica van Emde Boas, Kaibo Xie, Bonan Zhao
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-19-6250-2
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (416 pages)
Collana	Logic in Asia: Studia Logica Library, , 2364-4621
Disciplina	371.320973
Soggetti	Logic Historical linguistics Historical Linguistics History of China Lògica Processament de dades Llibres electrònics China History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Sun Tzu and the Art of War -- Diagramming Ancient Text -- The Making of a Mind Map -- Logic -- Patterns -- Conditional Sentences -- The Linguistic Perspective -- Game Theory and Strategic Thinking -- The Mind Mapping Perspective -- Start Planning -- Waging War -- Planning Attack -- Tactical Dispositions -- Energy -- Weak Points and Strong -- Contending -- Nine Variations -- The Army on the March -- Terrain -- The Nine Situations -- The Attack by Fire -- The Use of Spies -- List of All Patterns -- Translations of The Art of War.
Sommario/riassunto	The book you have just opened is probably unlike anything you have ever read so far. It offers you a path to direct contact with "The Art of War", the masterpiece of Sun Tzu, a classical theorist of warfare in Ancient China. This book examines an ancient Chinese work on strategy and warfare: Sun Tzu, "The Art of War", from the perspectives of logic, mathematics, and computer science. Sun Tzu's book has been

studied and translated many times before, with viewpoints from historians, military- and business strategists, philosophers, and in the context of modern computer strategy games. This book takes a new approach to study this 2500-year-old text. It uses modern mind mapping techniques to show a new dimension that uncovers meaning and structure not easily seen before. Mind maps are semantic diagrams of related concepts: they are used in this book in a restricted form, defined as Text Tree Mind Maps. A chapter covering the theoretical side of diagramming ancient text, explains the making of the mind maps used in this book and why showing old text in this way is so useful. .
