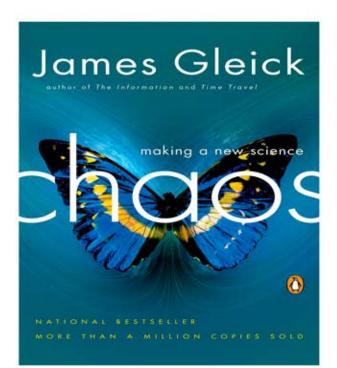




# Boletin de Adquisiciones Octubre 2022 Parte 3

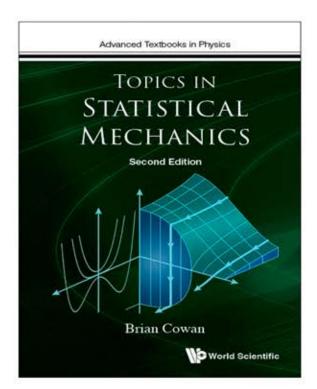
# Chaos : Making a New Science James Gleick



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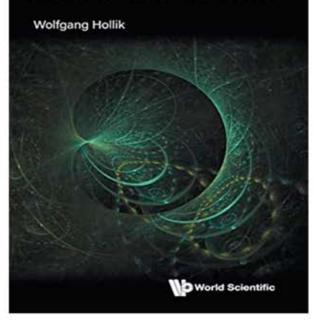
The Butterfly Effect Revolution Life's Ups and Downs A Geometry of Nature Strange Attractors Universality The Experimenter Images of Chaos The Dynamical Systems Collective Inner Rhythms Chaos and Beyond Afterword Notes on Sources and Further Reading

# Topics in Statistical Mechanics Brian Cowan



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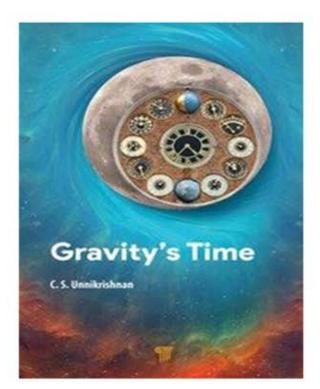
# Quantum Field Theory and the Standard Model



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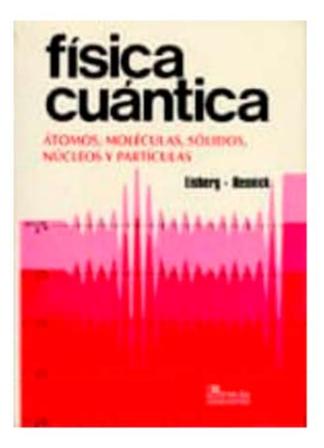
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Gravity's Time C. S. Unnikrishnan



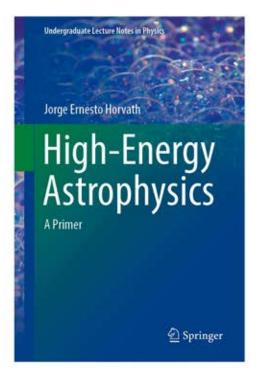
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Física cuántica : átomos, moléculas, sólidos, nucleos y partículas Robert Eisberg y Robert Resnick



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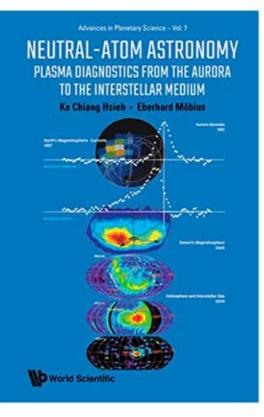
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Neutral-Atom Astronomy : Plasma Diagnostics from the Aurora to the Interstellar Medium Ke Chiang Hsieh and Eberhard Möbius

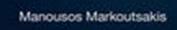


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# Geometry, Symmetries, and Classical Physics : A Mosaic Manousos Markoutsakis



GEOMETRY, SYMMETRIES, AND CLASSICAL PHYSICS A Mosaic



of CRC Press

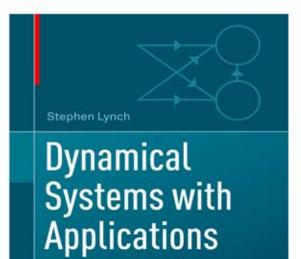
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# Dynamical Systems with Applications using Python Stephen Lynch



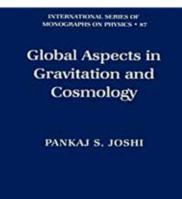
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🕲 Birkhäuser

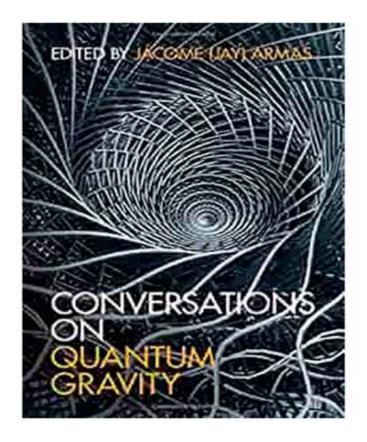




**OXFORD SCIENCE PUBLICATIONS** 

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- 2. The manifold model for space-time
- **3. Solutions to the Einstein equations**
- 4. Causality and space-time topology
- 5. Singularities in general relativity
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Conversations on Quantum Gravity Edited by Jácome (Jay) Armas



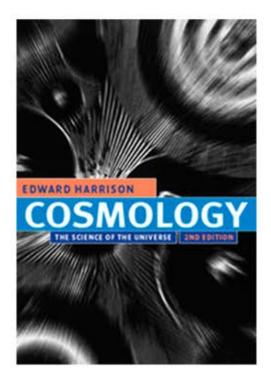
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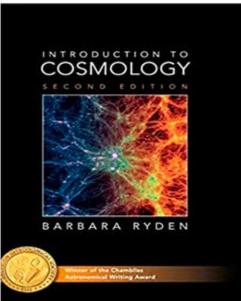


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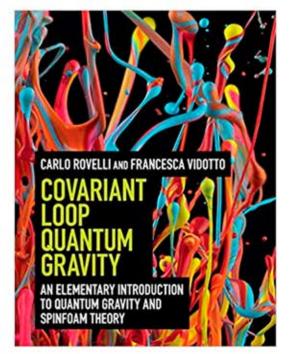
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# Introduction to cosmology Barbara Ryden



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Covariant Loop Quantum Gravity : An Elementary Introduction to Quantum Gravity and Spinfoam Theory Carlo Rovelli and Francesca Vidotto



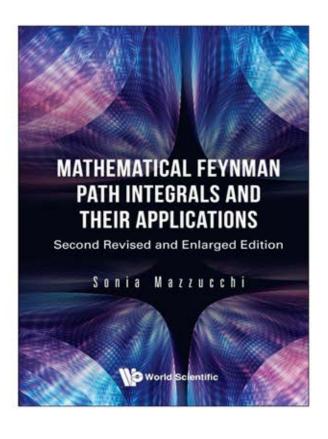
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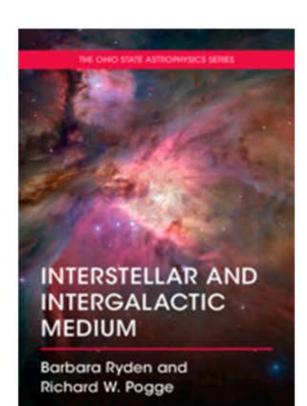
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# Mathematical Feynman Path Integrals and Their Applications Sonia Mazzucchi



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Measurement and Detection of Radiation Nicholas Tsoulfanidis and Sheldon Landsberger

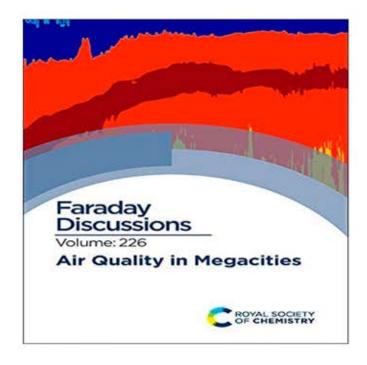


SEN EDITION

Nicholas Tsoulfanidis Sheldon Landsberger

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General discussion: Trends in emissions concentrations

Tracer-based characterization of source variations of PM2.5 and organic carbon in Shanghai influenced by the COVID-19 lockdown

Diurnal and weekly patterns of primary pollutants in Beijing under COVID-19 restrictions Variability of physical meteorology in urban areas at different scales: implications for air quality

Using a coupled LES aerosol-radiation model to investigate the importance of aerosol-boundary layer feedback in a Beijing haze episode

General discussion: Urban air quality; Meteorological influences and air quality trends

- Multiphase chemistry experiment in Fogs and Aerosols in the North China Plain (McFAN): integrated analysis and intensive winter campaign 2018
- Insights into air pollution chemistry and sulphate formation from nitrous acid (HONO) measurements during haze events in Beijing
- Vertical profile of particle hygroscopicity and CCN effectiveness during winter in Beijing: insight into the hygroscopicity transition threshold of black carbon
- PM2.5 pollution in China's Guanzhong Basin and the USA's San Joaquin Valley mega-regions
- An evaluation of source apportionment of fine OC and PM2.5 by multiple methods: APHH-Beijing campaigns as a case study

General discussion: Multiphase atmospheric chemistry, and source apportionment

Is reducing new particle formation a plausible solution to mitigate particulate air pollution in Beijing and other Chinese megacities?

Formation and growth of sub-3 nm particles in megacities: impact of background aerosols

The persistence of a proxy for cooking emissions in megacities: a kinetic study of the ozonolysis of self-assembled films by simultaneous small and wide angle X-ray scattering (SAXS/WAXS) and Raman microscopy

Using highly time-resolved online mass spectrometry to examine biogenic and anthropogenic contributions to organic aerosol in Beijing<sup>+</sup>

Sources of non-methane hydrocarbons in surface air in Delhi, India

Simulation of primary and secondary particles in the streets of Paris using MUNICH

Molecular characterization of size-segregated organic aerosols in the urban boundary layer in wintertime Beijing by FT-ICR MS

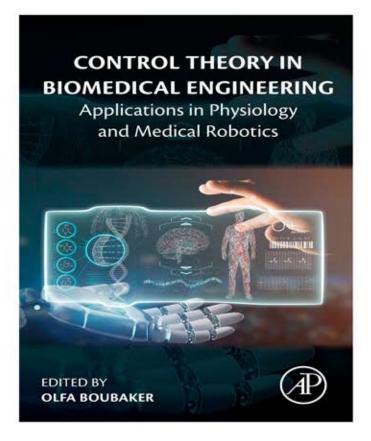
General discussion: Aerosol formation and growth; VOC sources and secondary organic aerosols Avoiding high ozone pollution in Delhi, India

Investigating the background and local contribution of the oxidants in London and Bangkok

- The role of a suburban forest in controlling vertical trace gas and OH reactivity distributions a case study for the Seoul metropolitan área
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- Difference in ambient-personal exposure to PM2.5 and its inflammatory effect in local residents in urban and peri-urban Beijing, China: results of the AIRLESS Project

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