



n.139 The newsletter of the OCA libraries January 2025

BIBCNS 2025 : A NEW VERSION TO FACILITATE ACCESS TO RESOURCES

BibCnrs, nouvelle version !

Optimisée et enrichie pour faciliter l'accès aux ressources scientifiques.

<p style="background-color: #333; color: white; padding: 5px; text-align: center; border-radius: 10px;">PERSONNALISATION</p> <p>Page d'accueil et fonctionnalités adaptables</p> <p> Gestion des favoris</p>	<p style="background-color: #333; color: white; padding: 5px; text-align: center; border-radius: 10px;">CATALOGUE ENRICH</p> <p>Plus de 100 nouvelles plateformes en accès ouvert</p> <p></p>	<p style="text-align: center;"> Lancement</p> <p style="background-color: #ffff00; padding: 5px; text-align: center; border-radius: 10px;">8 janvier 2025</p>	<p style="text-align: center;"></p> <p style="text-align: center;">Webinaires de présentation du 13 au 24 janvier</p>
<p style="background-color: #333; color: white; padding: 5px; text-align: center; border-radius: 10px;">ERGONOMIE OPTIMISÉE</p> <p>Accès plus rapide aux articles et ressources</p> <p>Interface moderne et lisible</p> <p>Nouvel onglet « Plateformes »</p>	<p style="background-color: #333; color: white; padding: 5px; text-align: center; border-radius: 10px;">PARTICIPATIF</p> <p>Développement en collaboration avec les utilisateurs pour répondre aux besoins</p>	<p style="background-color: #ffff00; padding: 5px; text-align: center; border-radius: 10px;">https://bib.cnrs.fr/</p> <p> assistance-portail@inist.fr</p>	

(Source : INIST CNRS)

See also in this issue :

<p>New titles (books & maps) p. 4 Earth sciences p.4 Astronomy & Astrophysics p.7 Math. / Physics p.10 Sciences, General p.14</p>	<p>2025 journal subscription p.17 CUP agreement New subscriptions Subscriptions deleted</p>	<p>Guides and Tools on Scientific integrity p. 17 Practical sheets RedacTek (extension)</p>	<p>News in Scientific and Technical Information p.19 Corpus CoESciTer Scientific publishers</p>
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NEWS AT ONE | BIBCNSR 2025 - List of 2025 resources by institutes

Click on an image to access the list of documentary resources by institute (pdf format)

<h3>IN2P3 – Physique nucléaire et physique des particules</h3>	<h3>INC – Chimie</h3>	<h3>INEE – Ecologie et Environnements</h3>	<h3>INPI - Physique</h3>
<h3>INS2I - Sciences Informatiques</h3>	<h3>INSB - Biologie</h3>	<h3>INSHS - Sciences humaines et sociales</h3>	<h3>INSIS – Ingénierie</h3>
<h3>INSMI – Mathématiques</h3>	<h3>INSU – Terre et Univers</h3>	<h3>INSIS members : Artémis</h3> <h3>INSU members : Galilée Géoazur Lagrange</h3>	

To note :

- ❖ About 80% of the contents of the 10 portals are identical.
- ❖ Only 20% are different and funded in addition by each institute.
- ❖ Researchers depending on 2 fields can request access to 2 fields via the online assistance of the BibCNRS portal. This request must be individual and motivated.
- ❖ Only one field can be queried at a time.

NEWS AT ONE | BIBCNRS 2025 - Customizing your profile

You can customize your profile via the icon at the top right of the screen 

❖ Your home page

You will have your favorites and news

❖ Your research

You can set the tab on which you want to perform your search : article, journals, books , plateform, research data

❖ Your general parameters

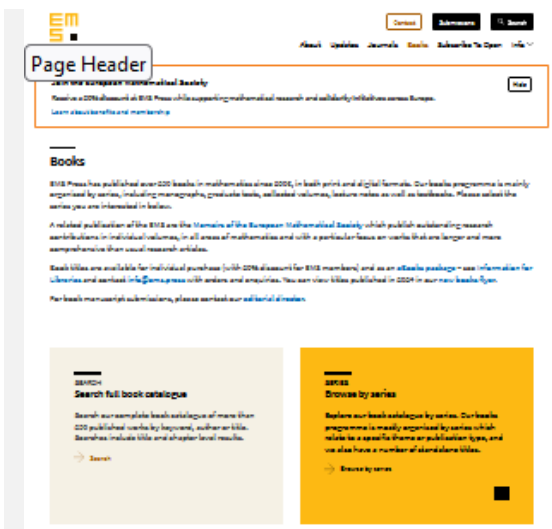
You can set your language and theme preferences

❖ Your search history

❖ Your favorites

❖ Your alerts

NEWS AT ONE | BIBCNRS 2025 – A new collection of e-books on math.



Resource : 250 e-book from the **European Mathematical Society** published between 2003 and 2023

Languages : english, french, deutsch

Funding : thanks to the national GIS-CollEx Persée acquisition program – Available via the [ISTEX platform](#)

How to access e-books : via the [BibCNRS portal](#)

1. Tab « Plateforms » + « [European Mathematical Society](#) »

This allows you to have an overview of the collection

2. Tab « journals, books » + research by title

NEWS AT ONE | BIBCNRS 2025 - The Click and read extension v. 3.21.0

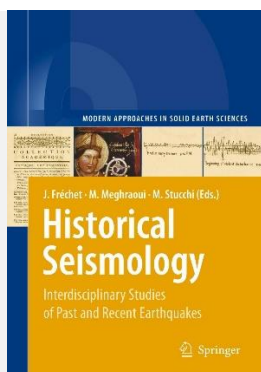


Quick reminder : Click & Read is an essential extension to access the full text of publications in one click from your Internet browser. Don't forget to check and download the latest version!!

Inist CNRS. (2024, 5 nov.). [Click and Read : installer et paramétrer l'extension, in Click and Read.](#) [Video]. Canal-U

Link : <https://doi.org/10.60527/khj8-k668>

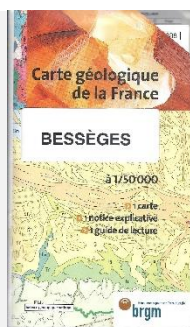




Historical seismology : interdisciplinary studies of past and recent earthquakes / **Frechet, Julien** ; Meghraoui, Mustapha ; Stucchi, Massimiliano, Auteurs . - Berlin : Springer Verlag, 2008. - 1 vol. (XVIII-443 p.). - ISBN 978-90-481-7811-7.

Description : Modern seismology has faced new challenges in the study of earthquakes and their physical characteristics. This volume is dedicated to the use of new approaches and presents a state of the art in historical seismology. Selected historical and recent earthquakes are chosen to document and constrain related seismic parameters using updated methodologies in the macroseismic analysis, field observations of damage distribution and tectonic effects, and modelling of seismic waveforms. A critical re-evaluation of historical accounts and early seismograms provides us with the basis for a realistic seismic hazard assessment. This book is dedicated to the memory of Jean Vogt (1929-2005).

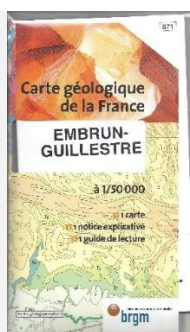
Inv. OCA-SA-008596 – **Call number FRE-04 (Bib. Géoazur, Sophia-Antipolis) – Second copies**



Carte géologique de la France à 1:50 000, 888. Bessèges / **Berger, Guy M.**, Cartographe; Elmi, Serge, Cartographe; Brouder, Paul, Cartographe; Bureau de recherches géologiques et minières (BRGM, France). Service géologique national, Auteur . - Orléans : BRGM éditions, 1988. - 1 carte : en coul.; 68 x 96 cm, pliée 22 x 12 cm sous couv. Plastique + 1 notice (115 p. : ill. ; 22 cm) + 1 guide de lecture. - ISBN 978-2-7159-1888-7. - Autre tirage : 2001. –

Mathematical data : 1:50 000 ; projection conique conforme de Lambert (E 3°57'28" -- E 4°19'4" / N 44°27'40" -- N 44°16'52") - Schéma structural ; coupe schématique ; sondage St-André-de-Cruzières 1. (C.E.P). - Fond topographique IGN. Carte de base : Carte topographique de la France à 1:50 000, feuille 2839. - Réalisation cartographique et impression : Dép. cartographie du B.R.G.M. - Accompagnée par : "Notice explicative de la feuille Bessèges à 1/50 000 / par S. Elmi, P. Brouder, [et al.] - Ed du BRGM, 1989". - Relief représenté par des courbes de niveaux et des points cotés. - Ellipsoïde de Clarke, amorce du quadrillage kilométrique UTM, amorce des quadrillages kilométriques Lambert

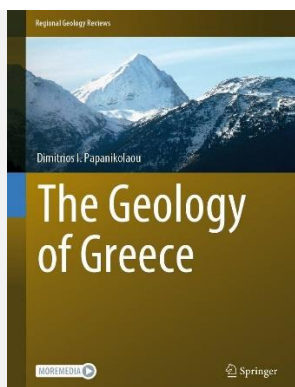
Inv. OCA-SA-008597 – **Call number CARTE-1625 (Bib. Géoazur, Sophia-Antipolis) – Second copies**



Carte géologique de la France à 1:50 000, 871. Embrun-Guillevestre / **Kerckhove, Claude**, Illustrateur ; **Gidon, Maurice**, Cartographe ; **Pairis, Jean Louis**, Cartographe; Bureau de recherches géologiques et minières (BRGM, France). Service géologique national, Cartographe . - Orléans : BRGM éditions, 2005. - 1 carte: en coul.; 75 x 102 cm+ 1 notice (139 p. ; 22 cm)

Mathematical data : 1:50 000 ; projection conique conforme de Lambert (E 6°28'40" - E 6°50'16" / N 44°40' - N 44°27'40")

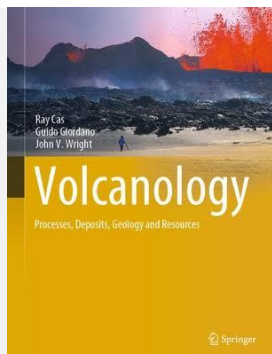
Inv. OCA-SA-008598 – **Call number CARTE-1626 (Bib. Géoazur, Sophia-Antipolis)**



The geology of Greece / **Papanikolaou, Dimitrios**, Auteur . - Cham : Springer Nature Switzerland, 2021, cop. 2021. - 1 vol. (XLVIII-345 p.). - ISBN 978-3-030-60733-3.

Description : This book introduces the reader to the unique geology of Greece. This country is a natural geology laboratory that can help us understand the present-day active geodynamic processes in the Hellenic orogenic arc, including earthquakes, volcanoes, coastline changes and other processes of uplift and subsidence, as well as the intense erosion, transport and deposition of sediments. Additionally, Greece offers a remarkable geological museum, reflecting the complex history of the area over the last 300 million years. By studying the rocks of Greece, one can discover old oceanic basins, e.g. in the Northern Pindos and Othrys mountains, crystalline rocks of Palaeozoic age, old granitic and volcanic rocks, as well as other sedimentary rocks including fossils from the shallow neritic facies to pelagic and abyssal facies. The younger sediments demonstrate the continuously changing palaeogeography of Greece, with areas of lakes, high plateaus and gulfs that are transformed into new forms of islands, peninsulas or high mountains, etc. All the above subjects are included in the book, which describes the tectonic structure of the geological strata, together with the evolutionary stages of the palaeogeography and geodynamics within the broader Mediterranean context. A special characteristic of the book is the development of the orogenic model of the Hellenides with the application of the tectono-stratigraphic terrane concept in the Tethyan system. (site web de l'éditeur)

Inv. OCA-SA-008599 – **Call number PAP-01 (Bib. Géoazur, Sophia-Antipolis)**

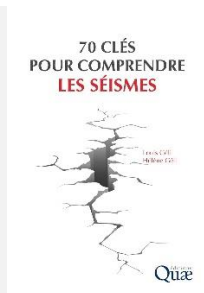


Volcanology : Processes, Deposits, Geology and Resources, volume 1 & 2 / **Cas, Ray A. F.**, Auteur; **Giordano, Guido**, Auteur; **Wright, John V.**, Auteur . - Nouvelle édition. - Cham : Springer Nature Switzerland, 2024, cop. 2024. – En 2 vol (1833 p.) . - ISBN 978-3-319-66612-9

Description : This book is a substantially updated, revised and extended version of the book Volcanic Successions, published by Cas and Wright back in 1987. Divided into six major parts, it offers comprehensive information on magma properties; fragmentation processes; subaerial and subaqueous lava types and field textures; sub-volcanic intrusions; explosive or pyroclastic eruptions and deposits; surface sedimentary processes; hydrothermal alteration and lithification, and effects on volcanic rock textures; terminology and approaches to describing and mapping volcanic rocks and terrains; geology of volcanoes and facies models; volcanism and tectonic setting; and to conclude, volcanic-hosted resources. It is a highly up-to-date text, presenting a coherent flow of topics, together with excellent visual material to illustrate key points and deposit features. The new authorship team consists of Ray Cas, Guido Giordano and John Wright, all of whom have extensive experience across the complete spectrum of volcanological processes and deposit types discussed in this exciting new book. ..The book is intended as a textbook and research reference book for senior undergraduate and graduate students, researchers and professionals alike (4ème de couverture)

Inv. OCA-SA-008600 – **Call number CAS-15 (vol. 1) (Bib. Géoazur, Sophia-Antipolis)**

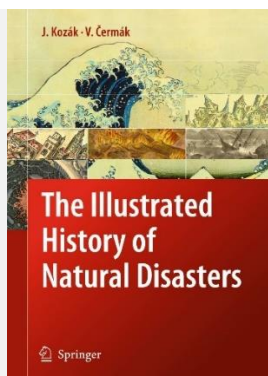
Inv. OCA-SA-008601 – **Call number CAS-16 (vol.2) (Bib. Géoazur, Sophia-Antipolis)**



70 clés pour comprendre les séismes / Géli, Louis, Auteur ; Géli, Hélène, Auteur . - Versailles : Éditions Quae, cop. 2024. - 1 vol. (99 p.) - ISBN 978-2-7592-3959-7.

Description : Cet ouvrage, simple et concis, est une introduction aux grandes notions élémentaires des séismes et un état des lieux de la prédiction. Qu'est-ce qu'un séisme ? Comment se forme un tsunami ou une vague scélérate ? Peut-on prévoir un séisme et avec quelle échéance ? Peut-on se fier au sixième sens des animaux pour pressentir un séisme ? Pourquoi peut-on prédire les éruptions volcaniques, la météo et pas les séismes ? À travers 70 questions, ce livre ne se veut aucunement exhaustif en la matière. Il fournit des repères sur l'histoire de la sismologie, l'évolution de la prédiction et propose un éclairage particulier sur le séisme de Tohoku, survenu en mars 2011. En évoquant des pistes d'avenir, il nous donne des clés pour comprendre ces catastrophes naturelles et mieux s'y préparer. (site de l'éditeur)

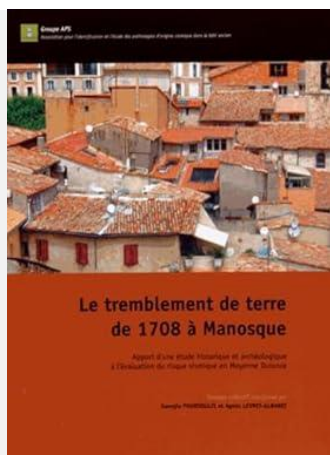
Inv. OCA-SA-008602 – **Call number GEL-01 (Bib. Géoazur, Sophia-Antipolis)**



The Illustrated History of Natural Disasters / Kozak, Jan, Auteur ; Cermak, Vladimir, Auteur . - Berlin : Heidelberg : Springer Verlag, 2016. - 1 vol. (XVII,224 p.) - ISBN-13 : 978-94-024-0485-2 (br.) - 978-90-481-3324-6 (rel.)

Description : This book tells the story of the Earth itself, explaining the interplay of its gradual geologi- levolution, presented as a generally slow and safe process, with the sudden manifestations of natural hazards, which involve disasters that affect the environment and lead to huge material damage and human losses. The natural forces at play, whether they are violent explosions of volcanic eruptions or almost imperceptible deformations of subsurface rock strata, nally- sulting in devastating earthquakes, all control the existence and destiny of a certain part of the global population. The development of man's existence down through history has depended upon his understanding of the world in which he lives, and upon his ability to turn to his own best use the materials that were there for the taking. However, he has had not only to furnish himself with food, water, building materials, and energy to protect himself against occasional natural adversities. Protecting himself from them meant comprehending their causes, and the essential core of his understanding was in recording and depicting them. This book is written for anyone interested in the Earth in general, and in natural disasters in particular, presenting a unique collection of historical illustrations of volcanic eruptions and earthquake events and their repercussions (4^{ème} de couverture)

Inv. OCA-SA-008603 – **Call number KOZ-02 (Bib. Géoazur, Sophia-Antipolis) – 2^e exemplaire**

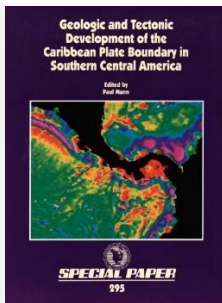


Le Tremblement de terre de 1708 à Manosque : apport d'une étude historique et archéologique à l'évaluation du risque sismique en Moyenne-Durance / Congrès : Groupe APS (Perpignan). Rencontres (05; 2000), Auteur; Poursoulis, Georgia, Editeur scientifique; Levret, Agnès, Ed. scientifique. - Groupe APS, DL 2014. - 1 vol. (211 p.) - ISBN 978-2-9515025-3-6.

Description : Le groupe APS (Archéologie-Pathologies-Sismicité) apporte une réflexion sur les méthodes d'identification et d'étude de dommages et d' " anomalie constructive sismo-résistante " du tremblement de terre de 1708 à Manosque.

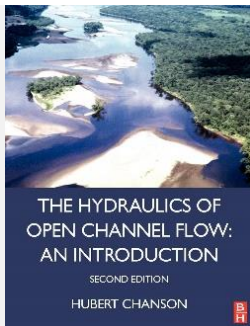
Inv. OCA-SA-008604 – **Call number POU-03 (Bib. Géoazur, Sophia-Antipolis)**

NEW TITLES | Earth sciences



Geologic and tectonic development of the Caribbean Plate boundary in southern Central America / Mann, Paul, Editeur scientifique; Geological society of America, Editeur scientifique . - Boulder, Colo. : Geological Society of America, 1995. – 1 vol (xxxii, 349 p.) : 4 folded maps in pockets. - ISBN : 0-8137-2295-0

Inv. OCA-SA-008605 – **Call number MAN-01 (Bib. Géoazur, Sophia-Antipolis) - 2^{ème} exemplaire**

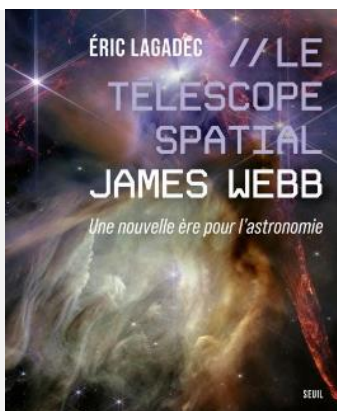


The hydraulics of open channel flow [2nd ed.] : an introduction : basic principles, sediment motion, hydraulic modelling, design of hydraulic structures / Chanson, Hubert, Auteur . - Second edition. - Amsterdam ; Boston, Mass. ; Paris [international] : Elsevier, 2004, cop. 2004. - 1 vol. (XLVII-585 p.) - Autres réimpr. : 2007, 2008, 2009 - ISBN 978-0-7506-5978-9.

Description : Since the publication of its first edition in 1999, 'The Hydraulics of Open Channel Flow' has been praised by professionals, academics, students and researchers alike as the most practical modern textbook on open channel flow available. This new edition includes substantial new material on hydraulic modelling, in particular addressing unsteady open channel flows. There are also many new exercises and projects, including a major new revision assignment. This innovative textbook contains numerous examples and practical applications, and is fully illustrated with photographs. Dr Chanson introduces the basic principles of open channel flow and takes readers through the key topics of sediment transport, hydraulic modelling and the design of hydraulic structures. New exercises and examples added to aid understanding

Inv. OCA-SA-008613 – **Call number CHA-52 (Bib. Géoazur, Sophia-Antipolis)**

NEW TITLES | Astronomy and Astrophysics



Le télescope spatial James Webb : une nouvelle ère pour l'astronomie. : Une nouvelle ère pour l'astronomie / Lagadec, Eric . - Paris : Editions du Seuil, DL 2024. - 1 vol. (159 p.). - ISBN 978-2-02-155148-8.

Description : Depuis des millénaires, l'être humain scrute l'Univers pour en percer les secrets. Cela s'est fait tout d'abord à l'œil nu, jusqu'à la première utilisation d'une lunette astronomique par Galilée puis avec des télescopes quelques décennies plus tard. Afin de comprendre les mystères de l'Univers, il faut en déchiffrer toutes les lumières visibles ou non. C'est ainsi que les astronomes travaillent à construire toute une variété de télescopes jusqu'au télescope spatial James Webb, l'un des plus grands bijoux techniques de l'histoire de l'astronomie. Un immense projet collectif : travail collaboratif entre l'agence spatiale Européenne (ESA), l'agence spatiale canadienne (ASC) et l'agence spatiale des États-Unis (NASA). Pourquoi un grand télescope ? pour étudier toutes les lumières et voir plus de détails grâce à son plus grand pouvoir de résolution. Le JWST est donc plutôt le successeur des télescopes infrarouges. Et l'outil idéal pour répondre à 4 questions essentielles : comprendre l'Univers jeune, l'évolution des galaxies, le cycle de la matière et les autres mondes (site web de l'éditeur)

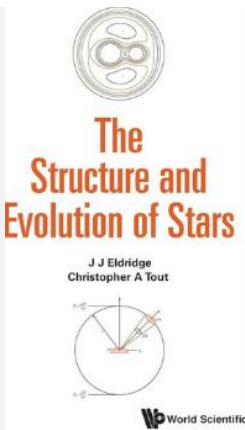
Inv. OCA-NI-010924 – **Call number 010924 (Bib. Nice Mont-Gros)**



Le grand atlas du soleil / **Maksimovic, Milan**, Dir. de publ. - Grenoble : Glénat, 2024. - 1 vol. (175 p) - ISBN 978-2-344-06580-8.

Description : Le Soleil joue un rôle primordial sur Terre puisqu'il permet de maintenir un climat favorisant l'éclosion et la prospérité de la vie sur notre planète. A la fois proche et mystérieux, il suscite de nombreuses questions. Quelle est la place du Soleil dans le système solaire ? Le Soleil contribue-t-il au réchauffement climatique ? Comment peut-on prédire les éruptions solaires et leurs conséquences sur nos technologies ? Elaboré avec le soutien de l'Agence spatiale européenne (ESA) par une équipe d'auteurs astrophysiciens à la pointe de la recherche solaire, ce Grand Atlas du Soleil dresse un panorama exhaustif de notre étoile, depuis les aurores boréales aux éclipses solaires en passant par les taches solaires, la météorologie de l'espace ou les éruptions solaires. Retraçant toutes les grandes missions d'exploration solaire, cet impressionnant ouvrage de référence présente les données les plus récentes en matière de recherche scientifique dont celles apportées par la sonde européenne Solar Orbiter sur les pôles du Soleil, l'activité magnétique et la composition du vent solaire. (4e de couverture)

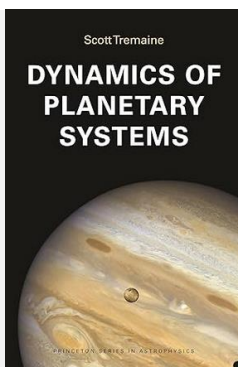
Inv. OCA-NI-010930 – **Call number 010930 (Bib. Nice Mont-Gros)**



The structure and evolution of stars / **Eldridge, J. J.**, Auteur ; **Tout, Christopher A.**, Auteur . – Singapore : Hackensack, NJ : World Scientific, 2019, cop. 2019. - 1 vol. (XX-338 p.) - ISBN 978-1-78326-579-4.

Description : Stars are the fundamental observable constituents of the Universe. They are the first objects we see in the night sky, they dominate the light produced in our own and other galaxies, and nucleosynthesis in stars produces all the elements heavier than helium. A knowledge of stars and their evolution is vital to understand other astrophysical objects from accreting black holes and galaxies to the Universe itself. The structure of a star can be described mathematically by differential equations derived from the principles of hydrodynamics, electromagnetic theory, thermodynamics, quantum mechanics, atomic and nuclear physics. The basic equations of a spherical star are derived in detail at an accessible level. The topics discussed include modes of energy transport, the equation of state, the physics of the opacity sources and the nuclear reactions. Attention is also given to the virial theorem, polytropic gas spheres and homology principles and the procedure for numerical solution of the equations is outlined. This book tracks the evolution of stars from their main-sequence evolution through the exhaustion of various nuclear fuels to the end points of evolution and also introduces the topic of interacting binary stars. The aim is to take the reader from the essential underlying physical principles to the doors to current research on stellar interiors. (site de l'éditeur)

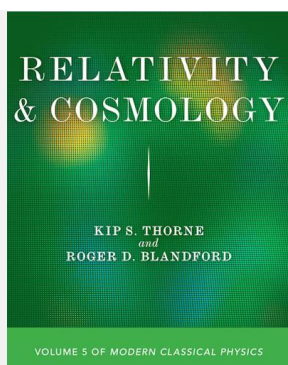
Inv. OCA-NI-010937 – **Call number 010937 (Bib. Nice Mont-Gros)**



Dynamics of Planetary Systems / **Tremaine, Scott**, Auteur . - Princeton, N.J. : Princeton University Press, 2023. - 1 vol. (xii-626 p.) . - ISBN 978-0-691-20711-7.

Description : This modern, authoritative introduction to planetary system dynamics reflects these recent developments and discoveries and is suitable for advanced undergraduate and graduate students as well as researchers. The book treats both traditional subjects, such as the two-body and three-body problems, lunar theory, and Hamiltonian perturbation theory, as well as a diverse range of other topics, including chaos in the solar system, comet dynamics, planetesimal dynamics, resonances, tidal friction and disruption, and more. The book provides readers with all the core concepts, tools, and methods needed to conduct research in the subject ... (4e de couverture)

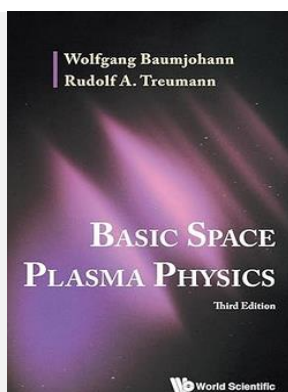
Inv. OCA-NI-010943 – **Call number 010943 (Bib. Nice Mont-Gros)**



Modern Classical Physics, 5. Relativity and Cosmology / Thorne, Kip Stephen ; Blandford, Roger D., Auteurs . - Princeton, N. J. : Princeton University Observatory, 2021. - 1 vol. (xxii p.-p. 1151-1544). - ISBN 978-0-691-20739-1.

Description : Kip Thorne and Roger Blandford's monumental Modern classical physics is now available in five stand-alone volumes that make ideal textbooks for individual graduate or advanced undergraduate courses on statistical physics ; optics ; elasticity and fluid dynamics ; plasma physics ; and relativity and cosmology. Each volume teaches the fundamental concepts, emphasizes modern, real-world applications, and gives students a physical and intuitive understanding of the subject. Relativity and cosmology is an essential introduction to the subject, including remarkable recent advances. Written by award-winning physicists who have made fundamental contributions to the field and taught it for decades, the book differs from most others on the subject in important ways. It highlights recent transformations in our understanding of black holes, gravitational waves, and the cosmos ; it emphasizes the physical interpretation of general relativity in terms of measurements made by observers ; it explains the physics of the Riemann tensor in terms of tidal forces, differential frame dragging, and associated field lines ; it presents an astrophysically oriented description of spinning black holes ; it gives a detailed analysis of an incoming gravitational wave's interaction with a detector such as LIGO ; and it provides a comprehensive, in-depth account of the universe's evolution, from its earliest moments to the present. .. (4e de couverture)

Inv. OCA-NI-010945 – **Call number 010945 (Bib. Nice Mont-Gros)**

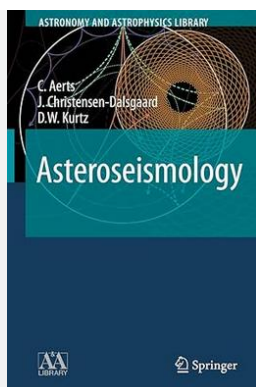


Basic space plasma physics [3rd ed.] / Baumjohann, Wolfgang, Auteur; **Treumann, Rudolf A.**, Auteur . - Third edition. - Philadelphia, Pa. ; Singapore : World Scientific, 2022, cop. 2022. - 1 vol. (xx-506 p.).- ISBN : 978-981-125-440-6

Description : This textbook describes Earth's plasma environment from single particle motion in electromagnetic fields, with applications to Earth's magnetosphere, up to plasma wave generation and wave-particle interaction. The origin and effects of collisions and conductivities are discussed in detail, as is the formation of the ionosphere, the origin of magnetospheric convection and magnetospheric dynamics in solar wind-magnetosphere coupling, the evolution of magnetospheric storms, auroral substorms, and auroral phenomena of various kinds. The second half of the book presents the theoretical foundation of space plasma physics, from kinetic theory of plasma through the formation of moment equations and derivation of magnetohydrodynamic theory of plasmas. The validity of this theory is elucidated, and two-fluid theory is presented in more detail. This is followed by a brief analysis of fluid boundaries, with Earth's magnetopause and bow shock as examples. The main emphasis is on the presentation of fluid and kinetic wave theory, deriving the relevant wave modes in a high temperature space plasma. Plasma instability is the most important topic in all applications and is discussed separately, including a section on thermal fluctuations. These theories are applied to the most interesting problems in space plasma physics, collisionless reconnection and collisionless shock waves with references provided., .. The book ends with a section on space climatology, space meteorology and space weather, a new application field in space plasma physics that is of vital interest when considering the possible hazards to civilization from space

Inv. OCA-NI-010948 – **Call number 010948 (Bib. Nice Mont-Gros)**

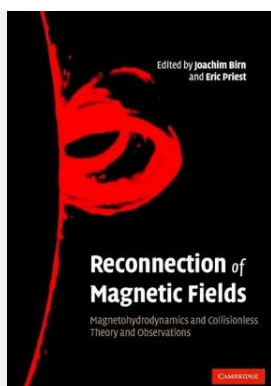
NEW TITLES | Astronomy and Astrophysics



Astroseismology / **Aerts, Conny**, Auteur; **Christensen-Dalsgaard, Jorgen**, Auteur; **Kurtz, Donald Wayne**, Auteur . - Berlin ; Heidelberg : Springer Verlag, 2010. – 1 vol. (XVI, 866 p.) - ISBN 978-1-4020-5178-4.

Description : Astroseismology refers to the study of the internal structure of pulsating stars through the interpretation of their frequency spectra. This is the first book available on the subject and offers a practical guide for graduate students or scientists working in the growing field of stellar astrophysics. Astroseismology is the only available method so far to derive the internal structure of the stars with high precision. The basic principles are very much like those developed by earth seismologists. This book provides a general introduction into the research area of astroseismology, covering all aspects from observations, methodology for data analysis, up to seismic interpretations of stars.

Inv. OCA-NI-010949 – **Call number 010949 (Bib. Nice Mont-Gros) – 2^{ème} exemplaire**



Reconnection of Magnetic Fields: Magnetohydrodynamics and Collisionless Theory and Observations / **Birn, Joachim**, ; **Priest, Eric Ronald**, Auteur . - Cambridge : Cambridge University Press (CUP), 2007, cop. 2007. - 1 vol. (XII-342 p.). - ISBN 0-521-85420-2 (rel.) . - ISBN 978-0-521-85420-7.

Description : The reconnection of magnetic fields is one of the most fascinating processes in plasma physics, responsible for phenomena such as solar flares and magnetospheric substorms. The concept of reconnection has developed through recent advances in exploring the magnetospheres of the Sun and Earth through theory, computer simulations and spacecraft observations. The great challenge in understanding it stems from balancing the large volumes of plasma and magnetic fields involved with the energy release with the physical mechanism which relies on the strongly localized behavior of charged particles. This book, edited by and with contributions from leading scientists in the field, provides a comprehensive overview of recent theoretical and observational findings concerning the physics of reconnection and the complex structures that may give rise to, or develop from, reconnection. It is intended for researchers and graduate students interested in the dynamics of plasmas.

Inv. OCA-NI-010950 – **Call number 010950 (Bib. Nice Mont-Gros)**

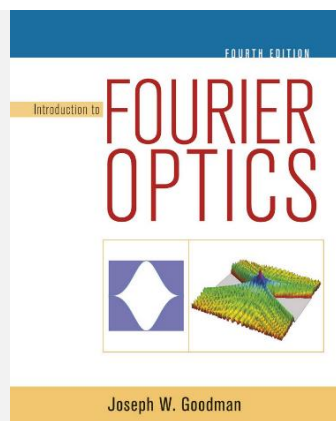
NEW TITLES | Mathematics, Physics



Matière : Une magnifique illusion / **Tonelli, Guido**, Auteur ; **Lem, Sophie**, Traducteur . - Malakoff : Dunod, DL 2024. - 1 vol. (239 p.). - Titre original : Materia. - ISBN 978-2-10-086906-0.

Description : De quoi sommes-nous faits ? Des étoiles au monde vivant, vous découvrirez dans ce livre comment les particules subatomiques se combinent pour former la matière ordinaire, en lui donnant ses fantastiques propriétés. Du vide quantique aux trous noirs, vous allez aussi explorer les formes obscures de la matière que les physiciens tentent d'élucider. Après Genèse et Temps, Guido Tonelli nous emmène dans un nouveau et surprenant voyage à travers la science contemporaine. (4e de couverture)

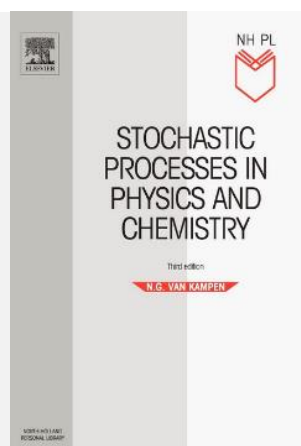
Inv. OCA-NI-010934 – **Call number 010934 (Bib. Nice Mont-Gros)**



Introduction to Fourier optics [4th ed.] / Goodman, Joseph W.
 . - New York : W.H. Freeman, Macmillan Learning, cop. 2017. - 1 vol. (XIV-546 p.) - ISBN : 1-319-11916-6 (rel.). - 978-1-319-11916-4 (br)

Description : Fourier analysis is a ubiquitous tool that has found application to diverse areas of physics and engineering. Goodman focuses on applications in optics, and in particular with applications to diffraction, imaging, optical information processing, holography, and optical communications. Goodman, Introduction to Fourier Optics satisfies the needs of several different types of Physics and Engineering courses. Directed towards both physicists and engineers this text is suitable for audiences focusing on applications of optics. A clear presentation makes this text work well as both a teaching resource and a reference book (site web de l'éditeur)

Inv. OCA-NI-010935 – **Call number 010935 (Bib. Nice Mont-Gros)**



Stochastic processes in physics and chemistry [3rd ed.] / Kampen, N. G. Van . - Amsterdam ; Oxford ; New York : North Holland Publishers, cop. 2007. - 1 vol. (XVI- 463 p.). - ISBN 978-0-444-52965-7.

Description : This new edition of Van Kampen's standard work has been completely revised and updated. Three major changes have also been made. The Langevin equation receives more attention in a separate chapter in which non-Gaussian and colored noise are introduced. Another additional chapter contains old and new material on first-passage times and related subjects which lay the foundation for the chapter on unstable systems. Finally a completely new chapter has been written on the quantum mechanical foundations of noise. The references have also been expanded and updated.

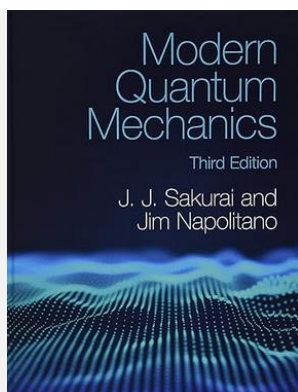
Inv. OCA-NI-010936 – **Call number 010936 (Bib. Nice Mont-Gros)**



A guide to experiments in quantum optics [3rd ed.] / Bachor, Hans A. ; Ralph, Timothy C. - Weinheim : Wiley-VCH, cop. 2019. - 1 vol. (XIX-565 p.). - ISBN 978-3-527-41193-1.

Description : This fully revised and expanded edition of a well-established textbook on experiments on quantum optics covers new concepts, results, procedures, and developments in state-of-the-art experiments. It starts with the basic building blocks and ideas of quantum optics, then moves on to detailed procedures and new techniques for each experiment. Focusing on metrology, communications, and quantum logic, this new edition also places more emphasis on single photon technology and hybrid detection. In addition, it offers end-of-chapter summaries and full problem sets throughout. Beginning with an introduction to the subject, ..[This]3rd Edition presents readers with chapters on classical models of light, photons, quantum models of light, as well as basic optical components. It goes on to give readers full coverage of lasers and amplifiers, and examines numerous photodetection techniques being used today. Other chapters examine quantum noise, squeezing experiments, the application of squeezed light, and fundamental tests of quantum mechanics. The book finishes with a section on quantum information...

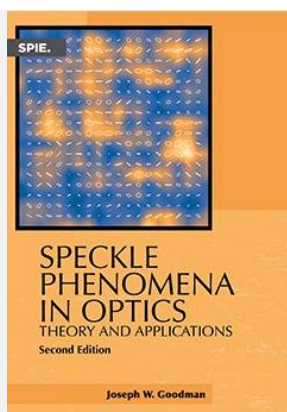
Inv. OCA-NI-010938 – **Call number 010938 (Bib. Nice Mont-Gros)**



Modern Quantum Mechanics [3rd ed.] / Sakurai, Jun John ; Napolitano, Jim, Auteurs . - Cambridge : Cambridge University Press, 2021, cop. 2021. - 1 vol. (XXI-548 p.). - ISBN 978-1-108-47322-4.

Description : Modern Quantum Mechanics is a classic graduate level textbook, covering the main quantum mechanics concepts in a clear, organized and engaging manner. The author, Jun John Sakurai, was a renowned theorist in particle theory. The second edition, revised by Jim Napolitano, introduces topics that extend the text's usefulness into the twenty-first century, such as advanced mathematical techniques associated with quantum mechanical calculations, while at the same time retaining classic developments such as neutron interferometer experiments, Feynman path integrals, correlation measurements, and Bell's inequality. A solution manual for instructors using this textbook can be downloaded from www.cambridge.org/9781108422413. (4eme de couverture)

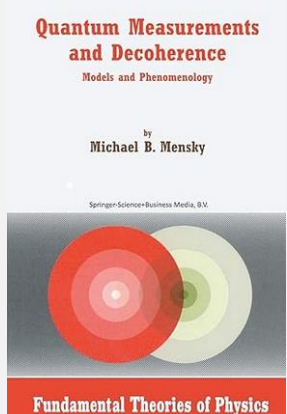
Inv. OCA-NI-010940 – **Call number 010940 (Bib. Nice Mont-Gros)**



Speckle phenomena in optics [2nd ed.] : theory and applications / Goodman, J. W.- Bellingham : SPIE Press, 2020. - ISBN 978-1-5106-3148-9.

Description : Speckle, a granular structure appearing in images and diffraction patterns produced by objects that are rough on the scale of an optical wavelength, is a ubiquitous phenomenon, appearing in optics, acoustics, microwaves, and other fields. This book provides comprehensive coverage of this subject, both the underlying statistical theory and the applications of this phenomenon. This is a second edition, containing improvements of several sections and addition of significant amounts of new material. New material includes new sections on generalized random walks, a rewritten section on speckle in the eye, new sections on polarization speckle, including discussion of the statistics of the Stokes parameters in a speckle pattern, new discussions of the effects of angle and wavelength changes on speckle, new sections on the statistics of speckle from "smooth" surfaces, and a new section on a spectrometer based on speckle. Many new references are included. (4ème de couverture)

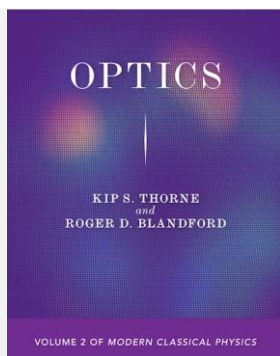
Inv. OCA-NI-010941 – **Call number 010941 (Bib. Nice Mont-Gros)**



Quantum measurements and decoherence : models and phenomenology / Mensky, Michael Borisovic - Dordrecht ; Boston : Kluwer Academic Publishers, 2000. - 1 vol. (226 p.). - ISBN 978-0-7923-6227-2.

Description : Quantum measurement was always one of the most important points in quantum mechanics because it most evidently revealed the difference between quantum and classical physics. Now quantum measurement is again under active investigation, first of all because of the practical necessity of dealing with highly precise and complicated measurements. The nature of quantum measurement has become understood much better during this new period of activity, the understanding being expressed by the concept of decoherence. This term means a physical process leading from a pure quantum state (wave function) of the system prior to the measurement to its state after the measurement which includes classical elements. More concretely, decoherence occurs as a result of the entanglement of the measured system with its environment and results in the loss of phase relations between components of the wave function of the measured system. Decoherence is essentially nothing else than quantum measurement, but considered from the point of view of its physical mechanism and resolved in time. The present book is devoted to the two concepts of quantum measurement and decoherence and to their interrelation, especially in the context of continuous quantum measurement.

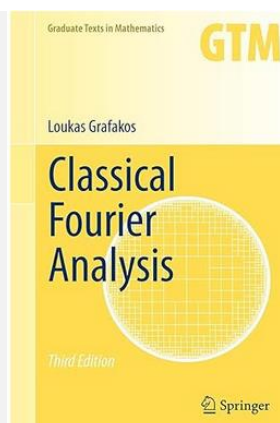
Inv. OCA-NI-010942 – **Call number 010942 (Bib. Nice Mont-Gros)**



Modern Classical Physics, 2. Optics / **Thorne, Kip Stephen**, Auteur ; **Blandford, Roger D.**, Auteur . - Princeton, N.J. : Princeton University Press, 2021. - 1 vol. (XX p.-p. 347-596). - ISBN 978-0-691-20736-0.

Description : A groundbreaking textbook on twenty-first-century waves of all sorts and their applications. Kip Thorne and Roger Blandford's monumental Modern Classical Physics is now available in five stand-alone volumes that make ideal textbooks for individual graduate or advanced undergraduate courses on statistical physics; optics; elasticity and fluid dynamics; plasma physics; and relativity and cosmology. Each volume teaches the fundamental concepts, emphasizes modern, real-world applications, and gives students a physical and intuitive understanding of the subject. Optics is an essential introduction to a resurgent subject. "Optics" originally referred to the study of light, but today the field encompasses all types of waves, including electromagnetic waves, from gamma rays to radio waves; gravitational waves; waves in solids, fluids, and plasmas; and quantum waves. The past few decades have seen revolutions in optics—amazing advances in nonlinear optics technology, a growing understanding of optical phenomena throughout the natural world, and an increasing appreciation of the wide-ranging applicability of optics' central principles. Optics shows how and why this subject—which was once a standard part of physics curricula—should again be routinely taught to physics students, as well as to students in engineering, computer science, and the natural sciences. Includes many exercise problems... An online illustration package is available to professors

Inv. OCA-NI-010944 – **Call number 010944 (Bib. Nice Mont-Gros)**

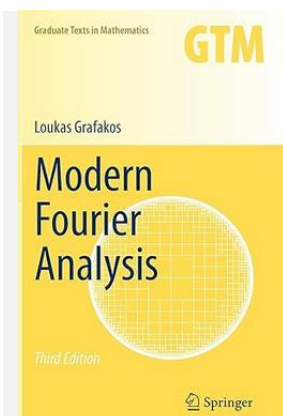


Classical Fourier Analysis [3rd ed.] / **Grafakos, Loukas**, Auteur . - Third edition. - Berlin ; Heidelberg ; Dordrecht ; New York ; London ; Paris ; Wien : Springer Verlag, 2014, cop.2014. - 1 vol. (XVII-638 p.) - ISBN 978-1-4939-3916-9.

Description : The main goal of this text is to present the theoretical foundation of the field of Fourier analysis on Euclidean spaces. It covers classical topics such as interpolation, Fourier series, the Fourier transform, maximal functions, singular integrals, and Littlewood-Paley theory. The primary readership is intended to be graduate students in mathematics with the prerequisite including satisfactory completion of courses in real and complex variables. The coverage of topics and exposition style are designed to leave no gaps in understanding and stimulate further study. This third edition includes new Sections 3.5, 4.4, 4.5 as well as a new chapter on "Weighted Inequalities," which has been moved from GTM 250, 2nd Edition. Appendices I and B.9 are also new to this edition. Countless corrections and improvements have been made to the material from the second edition. Additions and improvements include: more examples and applications, new and more relevant hints for the existing exercises, new exercises, and improved references

Inv. OCA-NI-010946 – **Call number 010946 (Bib. Nice Mont-Gros)**

NEW TITLES | Mathematics, Physics



Modern Fourier Analysis [3rd edition] / Grafakos, Loukas, Auteur . - Third edition. - Berlin ; Heidelberg ; Dordrecht ; New York ; London ; Paris ; Wien : Springer Verlag, **2014**. - 1 vol. (XVI-624 p.) - ISBN 978-1-4939-5078-2.

Description : This text is addressed to graduate students in mathematics and to interested researchers who wish to acquire an in depth understanding of Euclidean Harmonic analysis. The text covers modern topics and techniques in function spaces, atomic decompositions, singular integrals of nonconvolution type, and the boundedness and convergence of Fourier series and integrals. The exposition and style are designed to stimulate further study and promote research. Historical information and references are included at the end of each chapter. This third edition includes a new chapter entitled "Multilinear Harmonic Analysis" which focuses on topics related to multilinear operators and their applications. Sections 1.1 and 1.2 are also new in this edition. Numerous corrections have been made to the text from the previous editions and several improvements have been incorporated, such as the adoption of clear and elegant statements. A few more exercises have been added with relevant hints when necessary. ..

Inv. OCA-NI-010947 – **Call number 010947 (Bib. Nice Mont-Gros)**

NEW TITLES | Sciences, General

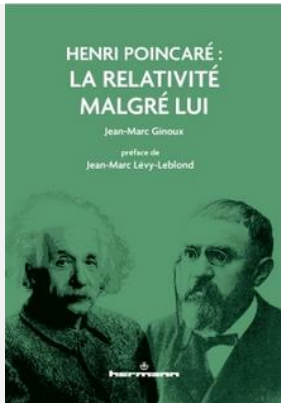


Patrimoine, philanthropie, mécénat, XIXe-XXe siècle : dons et legs en faveur de l'enseignement, de la recherche et des institutions de conservation [colloque 12 et 13 déc. 2019 à la Sorbonne] / **Charmasson, Thérèse**, dir. de publ. ; Méchine, Stéphanie, Auteur . - Aubervilliers : Editions du comité des travaux historiques et scientifiques, DL **2023**. - 1 vol. (383 p.) - ISBN 978-2-7355-0963-8.

General note : contains an article by Façoise Le Guet Tully : Mondain sous le Second Empire, mécène des sciences sous la IIIe république. Le singulier parcours de Raphaël Bischoffsheim p.151-168

Description : Cet ouvrage regroupe les communications présentées lors du colloque, placé sous la figure tutélaire de la marquise Arconati Visconti, « bienfaitrice » de l'université de Paris, qui s'est tenu en décembre 2019 dans les grands salons de la Sorbonne. Les différentes contributions ici rassemblées ont rappelé et mis en valeur l'importance du mécénat dans l'histoire et le développement des musées ou des bibliothèques, mais aussi le rôle, souvent méconnu, des mécènes, qu'il s'agisse de particuliers, français ou étrangers, banquiers, industriels, artistes ou professeurs, ou d'associations d'amis ou d'anciens élèves, dans le financement des institutions d'enseignement et de recherche de toute nature ou de certaines de leurs composantes, tout au long du XIXe siècle et dans les premières décennies du XXe siècle. À ces formes en quelque sorte « traditionnelles » du mécénat est venu s'ajouter récemment un mécénat collectif et participatif dont une communication vient en conclusion illustrer l'importance pour l'enrichissement et le rayonnement des institutions publiques. (4e de couverture

Inv. OCA-NI-010923_ – **Call number 010923 (Bib. Nice Mont-Gros)**



Henri Poincaré : la relativité malgré lui / Ginoux, Jean-Marc, - Paris : Hermann, 2024, cop. 2024. - 1 vol. (252 p.) ; 21 cm - ISBN 979-10-370-4047-3.

Description : Depuis plus de soixante-dix ans maintenant une vive controverse oppose ceux qui créditent le physicien Albert Einstein de la paternité de la théorie de la relativité restreinte à ceux qui estiment que c'est le mathématicien français Henri Poincaré qui en est l'auteur. Après avoir présenté de manière accessible au grand public le contexte historique et les fondements de cette théorie, l'antériorité des contributions de Poincaré sera établie de façon indiscutable. On se posera alors la question suivante à laquelle il est impératif de répondre si l'on souhaite mettre un terme à cette controverse qui n'a que trop duré : pourquoi Poincaré n'a-t-il alors pas revendiqué la paternité de la théorie de la relativité restreinte ? Cet ouvrage apporte une réponse à cette question ainsi qu'à beaucoup d'autres en donnant à cette histoire de la relativité un récit plus cohérent, plus proche de la réalité des faits et explique finalement pourquoi on ne peut faire de Poincaré le père de la relativité malgré lui. (4ème de couverture)

Inv. OCA-NI-010925_ – Call number 010925 (Bib. Nice Mont-Gros)



La science au péril de sa vie : les aventuriers de la mesure du monde / Simaan, Arkan, Auteur. - 2e édition. - Paris : Vuibert ; Paris : ADAPT, DL 2002. - 1 vol. (204 p.) - ISBN : 2-7117-5347-6 (Vuibert) = 2-909680-41-X (ADAPT)

Description : « Scientifiquement rigoureux et aussi palpitant qu'un roman d'aventures, ce livre nous dévoile une nouvelle dimension de l'histoire de la science au siècle des Lumières. Comment a-t-on calculé la distance de la Terre au Soleil ? Depuis quand savons-nous que notre planète est aplatie aux pôles ? Pour effectuer les mesures de la Terre et du ciel, des savants ont entrepris des expéditions aussi périlleuses qu'incertaines et sont allés jusqu'au bout du monde, poussés par la seule soif de connaître - alors même que l'Europe était en guerre. Ce sont les fabuleuses aventures de La Condamine au Pérou, de Maupertuis en Laponie, de Chappe d'Auteroche en Sibérie, de Méchain en Espagne et de bien d'autres astronomes souvent restés dans l'ombre que retrace ici Arkan Simaan. Il évoque également les efforts d'autres savants comme Condorcet ou Lavoisier qui, à l'époque troublée de la Révolution, ont élaboré le système métrique adopté aujourd'hui dans le monde entier. L'auteur nous restitue en pleine action ces hommes attachants et méconnus, héroïques et humains à la fois. Il les suit pas à pas et expose, dans un langage accessible à tous et sans formalisme mathématique, leurs motivations scientifiques et les résultats de leurs expéditions. ... Abondamment illustré, l'ouvrage est également doté d'un index qui permettra de retrouver à tout instant l'information recherchée. Prix spécial du jury du livre d'astronomie 2002 »

Inv. OCA-NI-010932 – Call number 010932 (Bib. Nice Mont-Gros)



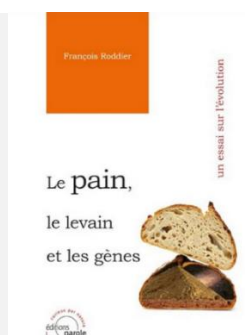
Assieds-toi et écris ta thèse ! : trucs pratiques et motivationnels pour la rédaction scientifique / **Belleville, Geneviève** . - Québec : Presses de l'Université Laval, DL 2014. - 1 vol. (ix-125 p) - ISBN 978-2-7637-2031-9.

Contenu : 1. Introduction. - 2. La règle de base : bloquer le temps (p.5) - 3. Définir ses objectifs (p.17) - 4. Les étapes de la rédaction : planifier, rédiger, réviser (p.37) - 5. Démystifier l'inspiration (p.59) - 6. Reconnaître et combattre la procrastination (p.67) - 7. Un démon appelé perfection (p.79) - 8. Les traumatisés de la thèse (p.91) - 9. Parlez-en ! (p.107) - 10. Conclusion (p.119) - Bibliogr. p. [123]-125. Notes bibliogr.

Inv. OCA-NI-010931 – **Call number 010931 (Bib. Nice Mont-Gros)**

Inv. OCA-SA-008609 – **Call number BEL-14 (Bib. Géoazur Sophia-Antipolis)**

Inv. OCA-SA-008610 – **Call number BEL-15 (Bib. Géoazur Sophia-Antipolis)**



Le pain, le levain et les gènes : un essai sur l'évolution / **Roddier, François** - Artignosc-sur-Verdon : Parole éditions, DL 2020. - 1 vol. (134 p.). -

Description : Le pain, le levain et les gènes un essai sur l'évolution François Roddier ... À partir de ses problèmes personnels de santé, le savant François Roddier nous apprend comment l'humanité a réussi à domestiquer les céréales en neutralisant les poisons que celles-ci fabriquent pour se défendre. Pour expliquer le rapport qui existe entre alimentation et santé, il nous fait remonter aux origines de l'humanité. Puis, il nous entraîne sur une approche de l'évolution de l'univers tout à fait innovante. Passant des gènes aux « mèmes », il nous fait découvrir que notre société humaine s'inscrit dans une loi de la thermodynamique qui l'amène à disperser de plus en plus d'énergie. Il pense qu'elle est vouée à disparaître si une espèce « mémétique » nouvelle ne prend pas conscience de la nécessité de réduire ses dépenses d'énergie à l'échelle de la planète. .. François Roddier nous livre ses recettes de levain et de pain pour tous ceux qui n'ont pas encore muté et qui souffrent des céréales à gluten. (4ème de couverture)

Inv. OCA-NI-010933 – **Call number 010933 (Bib. Nice Mont-Gros)**



Carnets de science, 17. Les origines de l'Homme / **Centre National de la Recherche Scientifique (CNRS)**, Ed. scientifique - Paris : CNRS Editions, DL 2024. - 1 vol. ([195 p.]. - ISBN 978-2-271-15307-4.

Contenu : Enquête : Les ports perdus des Étrusques / F. Lecompte (p.4) . - Portrait : Édith Heard, passion épigénétique / É. Martin du Fou (p.14) - **Astronomie** : **Planète 9, y es-tu ?** / L. Évrard-Ouicem Eljaouhari .(p.22) - Entretien : Notre-Dame : restaurer l'éternité / Entretien avec Livio De Luca par S. Tissolong (p.28). - Biologie : Mécanobiologie, la pression créatrice / M. Koppe (p.36).- Patrimoine : Sanctuary, une mémoire pour l'humanité / S. Félix & G. Fléchet (p.44).- Biomécanique : Pourquoi les oiseaux ne tombent pas en dormant ? / M. Harmi (p.52).- Portfolio : Au son de Guédelon / M. Harmi (p.57).- Bonnes feuilles : Notre jeunesse dans tous ses états / A. Durovic et N. Duvoux / dir.) (p.73).- Dossier .- (p.78) : HOMO AVANT SAPIENS : De l'os à l'espèce / F. Trécourt (p.80).- Toumaï était-il bipède ? / F. Trécourt (p.88).- **Datations relatives et absolues** / K. Toscas (p.96). - L'Afrique, berceau du genre Homo / K. Bettayeb (p.104).- Les Denisoviens, la lignée fantôme / F. Trécourt (p.112).- Sur les traces des premiers européens : Entretien avec Marie-Hélène Moncel par M. Julienne (p.120) - Portfolio : La plus grande caméra jamais conçue / M. Harmi (p.129).- Entretien : Faut-il naître pour être ? / Entretien avec Anne-Sophie Giraud par A.-S. Boutaud (p.145).- Neurosciences : L'odorat sens dessus dessous / L. Dasinieres (p.152). - Justice : Réparer par la parole / M. Julienne (p.160). - Portrait : Alexander Kuhn, le chimiste qui casse les codes / E. Picaud (p.166). - **Mathématiques** : **Entrez dans les matrices** / C. Mauger (p.172). - Carnet de mission : Fragile banquise / S. Perrard et M.-C. Duvernoy (p.180)

Inv. OCA-NI-010939 – **Call number 010939 (Bib. Nice Mont-Gros)**

Inv. OCA-SA-008611 – **Call number CEN-23 (Bib. Géoazur, Sophia-Antipolis)**

Inv. OCA-VV-002147 – **Call number CEN-23 (Bib. Lagrange, Valrose)**

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2. Linux (OCA)

GUIDES AND TOOLS | Scientific integrity

Code de conduite européen pour l'intégrité en recherche : édition révisée 2023 (version française, parue en déc. 2024)



French (2024)

Description : Reference text on research integrity, recognised by the European Commission for all EU-funded research projects. It describes the responsibility of all actors in promoting scientific integrity. French translation of the original English edition published in 2023. This document is also known under the code name ALLEA .

Source : ALLEA, en collab. avec l' Office français de l'intégrité scientifique, déc. 2024 , 25 p. , format pdf

Link :

French version : <https://allea.org/wp-content/uploads/2024/12/Code-de-conduite-europeen-pour-lintegrite-en-recherche.pdf>

English version : <https://allea.org/wp-content/uploads/2023/06/European-Code-of-Conduct-Revised-Edition-2023.pdf>



English (2023)

Pour une culture partagée de l'intégrité scientifique – Accompagnement des acteurs



Description : A french toolbox to support stakeholders responsible for promoting scientific integrity

Source : OFIS France

Link : <https://www.ofis-france.fr/accompagnement-des-acteurs/#directionunite>

See in particular on this page :

Intégrité scientifique, comment agir dans votre unité



1.
Slides for discussing scientific integrity with research teams

Description : A toolkit to promote scientific integrity, consisting of slides (ppt format) and an accompanying booklet (pdf format)

Source : OFIS France, oct. 2024

Link :

1. <https://www.ofis-france.fr/wp-content/uploads/2024/11/PPT-KIT-DU-Ofis-2024.pdf>
2. <https://www.ofis-france.fr/wp-content/uploads/2024/11/Kit-DU-Ofis-2024.pdf>



2.
An accompanying booklet with a series of questions and answers generally asked of laboratory directors

Écoles doctorales, doctorants et encadrants - Fiches pratiques « Serment doctoral d'intégrité scientifique »



1
Practical sheet which presents the framework and legal status of the oath, its implications

Description : Since September 2022, all new doctoral students in France must now take an oath when defending their thesis. Practical factsheets analyze the genesis, legal framework and scope of this oath

Source : OFIS France, august 2022

Link : <https://www.ofis-france.fr/accompagnement-des-acteurs/#directionunite>



2. Documentary file on the genesis and implementation of the doctoral oath in France + additional resources and references.

Comment détecter des articles présentant des problèmes d'intégrité avec RedacTek ?



Description : RedacTek is a new browser extension, available on Chrome, which allows you to detect articles that potentially pose integrity problem

Source : Institut Pasteur, déc. 2024

Link : <https://openscience.pasteur.fr/2024/12/12/comment-detecter-des-articles-presentant-des-problemes-dintegrite-avec-redactek/>

NEWS IN SCIENTIFIC AND TECHNICAL INFORMATION | CoESciTer

CoESciTer, Corpus sur l'Enseignement des Sciences de la Terre (LillOnum)



Description : online corpus of handwritten sources on the history of Earth science teaching in the 19th and 20th centuries.

Projet duration and funding : funded by the GIS CollEx-Persée for a period of 2 years (Sept. 2022 – Sept. 2024)

Source : SCD de l'Université de Lille ; UMR CNRS 8198 Evolution, Ecologie, Paléontologie et le Centre François Viète d'épistémologie et d'histoire des sciences et des techniques
Link : <https://lillonum.univ-lille.fr/s/lillonum/item-set/1613332>

NEWS IN SCIENTIFIC AND TECHNICAL INFORMATION | Scientific publishers

Les entrepôts de données d'éditeurs commerciaux : quelle stratégie adopter ? (rapport)



Description : Given the increasing number of requests from publishers to promote private data warehouses, it is necessary to know these tools in order to best support researchers. This note produced by the Couperin Data GTSO offers an overview of the issue and advice.

Source : GTSO Données de Couperin, dec. 2024

Link : <https://zenodo.org/records/14362185>

Création de l'Alliance des éditeurs scientifiques publics français (Alef)



Description : creation of an alliance that brings together 59 publishing structures involved in open science. Alef brings together university publishers as well as editorial services with multiple affiliations (major institutions, ENS, laboratories, etc.). Its mission: the dissemination of research results as widely as possible.

Source : MESRI, Ouvrir la science, dec. 2024

Link : <https://www.ouvrirlascience.fr/creation-de-lalliance-des-editeurs-scientifiques-publics-francais-alef/>



Service bibliothèque