Autour Du Nombre Pi

Dictionnaire grec-français
Geografiska Annaler
1966
Journal of André Michaux, 1787-1796
Les Gnostiques et leurs Archétypes
Dictionnaire grec-français ... augmenté de l'explication d'un grand nombre de formes difficiles ... par C. Alexandre
Magique cosmos
Bifurcations and Periodic Orbits of Vector Fields
Singularities
Random Walks, Brownian Motion, and Interacting Particle Systems
Géométrie des pavages : De la conception à la réalisation sur ordinateur
Proceedings of the Tunisian Mathematical Society, Volume 11
The Mathematical-Function Computation Handbook
Beautés de l'histoire des voyages les plus fameux autour du monde et dans les deux hémisph`eres ...
Leçons Sur la Théorie Générale Des Surfaces Et Les Applications Géometriques Du Calcul Infinitésimal: ptie. Lignes géodésiques et courbure géodésique. Paramètres différentiels. Déformation des surfaces
Catalogue of Scientific Papers (1800-1900): ser. 4 , 1884-1900
Metalworkers and their Tools: Symbolism, Function, and Technology in the Bronze and Iron Ages
Echinoderm Research 1991
La théorie de la musique antique et médiévale
Echanges de Convictions
Mathematical Constants
Geophysik und Geologie
Autour du Carré Magique
The Little Book of Bigger Primes
Lexique grec-français a l'usage des commençants ou Abrégé du Dictionnaire grec-français contenant tous les mots indistinctement et toutes les formes difficiles de la Bible, de L'Iliade et des auteurs qu'on explique dans les classes inférieures...
Nouveau Dictionnaire De Medecine, Chirurgie, Pharmacie, Phisiwue, Chimie
Historic Control Textbooks
Integers
Advances in Mathematical Sciences--CRM's 25 Years
Twelve Landmarks of Twentieth-Century Analysis
Beautés de l'histoire des voyages les plus fameux autour du monde et dans les deux hémisphères, ou Tableau des découvertes ..., et succès des plus célèbres voyageurs ... Terminé par une notice exacte et détaillée sur le naufrage de la Méduse, la captivité de Dumont et la mort de Mungo Park. Par H. Lemaire. Avec douze belles gravures. Tome premier[-second]
Catalogue of Scientific Papers
The Number $\pi $
Acta Endocrinologica
Structure of Liquid Crystal Phases
Geometry Symposium Utrecht 1980

Autour du nombre [pi]
Les mesures secrètes des anciens
The Pressuremeter and Its New Avenues

DEVYN AVILA

Dictionnaire grec-français Cambridge University Press
A deep understanding of prime numbers is one of the great challenges in mathematics. In this new edition, fundamental theorems, challenging open problems, and the most recent computational records are presented in a language without secrets. The impressive wealth of material and references will make this book a favorite companion and a source of inspiration to all readers. Paulo Ribenboim is Professor Emeritus at Queen's University in Canada, Fellow of the Royal Society of Canada, and recipient of the George Pólya Award of the Mathematical Association of America. He is the author of 13 books and more than 150 research articles. From the reviews of the First Edition: Number Theory and mathematics as a whole will benefit from having such an accessible book exposing advanced material. There is no question that this book will succeed in exciting many new people to the beauty and fascination of prime numbers, and will probably bring more young people to research in these areas. (Andrew Granville, Zentralblatt)
Geografiska Annaler Editions Hermann
"Integers" is a refereedonline journal devoted to research in the area of combinatorial number theory. It publishes original research articles in combinatorics and number theory. Topics covered by the journal include additive number theory, multiplicative number theory, sequences and sets, extremal combinatorics, Ramsey theory, elementary number theory, classical combinatorial problems, hypergraphs, and probabilistic number theory. Integers also houses a combinatorial games section. This work presents all papers of the 2013 volume in book form.
1966 Nova Publishers
Steven Finch provides 136 essays, each devoted to a mathematical constant or a class of constants, from the well known to the highly exotic. This book is helpful both to readers seeking information about a specific constant, and to readers who desire a panoramic view of all constants coming from a particular field, for example, combinatorial enumeration or geometric optimization. Unsolved problems appear virtually everywhere as well. This work represents an outstanding scholarly attempt to bring together all significant mathematical constants in one place.
Journal of André Michaux, 1787-1796 Elsevier
This collection is to present the earliest textbooks that grew out of the original development of automatic control, and the many others that followed very soon, in various countries, and in various languages. We set out to collect information on one to four books from each country, including a brief description of the background, history and contents of the book, a picture of the front page, and copies of one to a few "typical" pages. With the latter, we intended to show pages that contain an equation or figure, easily recognizable to anyone familiar with control, embedded in the text written in one of the many languages and, in some cases, in various scripts. The present collection contains 62 entries from 21 countries.
Les Gnostiques et leurs Archétypes Autour du nombre [pi]
Dans ce livre, qui se veut synthétique et accessible à tous, l'auteur apporte des preuves nouvelles confirmant l'existence de la plus ancienne unité de mesure connue et employée par l'humanité. "Le yard mégalithique" fut d'abord découvert par le Professeur Alexander Thom entre 1955 et 1975. Cette nouvelle remua le monde de l'archéologie et l'histoire. Depuis, de nouveaux indices se sont accumulés, des preuves matérielles, des preuves mathématiques révélant le très haut niveau scientifique des peuples qui inventèrent cette unité de mesure. Les répercussions de cette découverte sont à même de changer radicalement notre regard sur nos lointains ancêtres. Le yard mégalithique fut pensé avec des considérations astronomiques et mathématiques, tout en restant étalonné sur une référence invariable, la terre et le cosmos. C'est une prouesse scientifique accomplie il y a plus de 7000 ans que l'auteur vous propose de redécouvrir.
Dictionnaire grec-français ... augmenté de l'explication d'un grand nombre de formes difficiles ... par C. Alexandre
BoD - Books on Demand
This highly comprehensive handbook provides a substantial advance in the computation of elementary and special functions of mathematics, extending the function coverage of major programming languages well beyond their international standards, including full support for decimal floating-point arithmetic. Written with clarity and focusing on the C language, the work pays extensive attention to little-understood aspects of floating-point and integer arithmetic, and to software portability, as well as to important historical architectures. It extends support to a future 256-bit, floating-point format offering 70 decimal digits of precision. Select Topics and Features: references an exceptionally useful, author-maintained MathCW website, containing source code for the book’s software, compiled libraries for numerous systems, pre-built C compilers, and other related materials; offers a unique approach to covering mathematical-function computation using decimal arithmetic; provides extremely versatile appendices for interfaces to numerous other languages: Ada, C#, C++, Fortran, Java, and Pascal; presupposes only basic familiarity with computer programming in a common language, as well as early level algebra; supplies a library that readily adapts for existing scripting languages, with minimal effort; supports both binary and decimal arithmetic, in up to 10 different floating-point formats; covers a significant portion (with highly accurate implementations) of the U.S National Institute of Standards and Technology’s 10-year project to codify mathematical functions. This highly practical text/reference is an invaluable tool for advanced undergraduates, recording many lessons of the intermingled history of computer hardw are and software, numerical algorithms, and mathematics. In addition, professional numerical analysts and others will find the handbook of real interest and utility because it builds on research by the mathematical software community over the last four decades.
Magique cosmos Springer Science & Business Media
In July 1996, a conference was organized by the editors of this volume at the Mathematische Forschungsinstitut Oberwolfach to honour Egbert Brieskorn on the occasion of his 60th birthday.

Most of the mathematicians invited to the conference have been influenced in one way or another by Brieskorn's work in singularity theory. It was the first time that so many people from the Russian school could be present at a conference in singularity theory outside Russia. This volume contains papers on singularity theory and its applications, written by participants of the conference. In many cases, they are extended versions of the talks presented there. The diversity of subjects of the contributions reflects singularity theory's relevance to topology, analysis and geometry, combining ideas and techniques from all of these fields, as well as demonstrating the breadth of Brieskorn's own interests. This volume contains papers on singularity theory and its applications, written by participants of the conference. In many cases, they are extended versions of the talks presented there. The diversity of subjects of the contributions reflects singularity theory's relevance to topology, analysis and geometry, combining ideas and techniques from all of these fields, as well as demonstrates the breadth of Brieskorn's own interests.

Bifurcations and Periodic Orbits of Vector Fields Taylor & Francis
No detailed description available for "1966".

Singularities BoD - Books on Demand
These proceedings consist of ten carefully refereed and selected papers which were presented at the 12th symposium of Tunisian Mathematical Society held on March 18-23, 2004 in Mahdia (Tunisia). This symposium was one of the largest international meeting on Mathematics in Tunisia. A total of 200 participants from several countries attended to the meeting. In addition to the plenary, invited and contributed talks, there was a panel discussion on future research directions and problems in various areas of mathematics.

Random Walks, Brownian Motion, and Interacting Particle Systems TheBookEdition
A selection of papers, reports and posters presented at the third European conference on echinoderms - a thorny-skinned group of marine animals considered of great zoological interest. The contributions look at morphology, development biology, ecology and symbiosis.

Géométrie des pavages : De la conception à la réalisation sur ordinateur Walter de Gruyter GmbH & Co KG
This collection of articles is dedicated to Frank Spitzer on the occasion of his 65th birthday. The articles, written by a group of his friends, colleagues, former students and coauthors, are intended to demonstrate the major influence Frank has had on probability theory for the last 30 years and most likely will have for many years to come. Frank has always liked new phenomena, clean formulations and elegant proofs. He has created or opened up several research areas and it is not surprising that many people are still working out the consequences of his inventions. By way of introduction we have reprinted some of Frank's seminal articles so that the reader can easily see for himself the point of origin for much of the research presented here. These articles of Frank's deal with properties of Brownian motion, fluctuation theory and potential theory for random walks, and, of course, interacting particle systems. The last area was started by Frank as part of the general resurgence of treating problems of statistical mechanics with rigorous probabilistic tools.

Proceedings of the Tunisian Mathematical Society, Volume 11 American Mathematical Soc.
Pressuremeter testing activities are of great interest for scientists and engineers concerned with the mechanical behaviour of civil engineering materials. The proceedings include the first Menard Lecture presented by Professor Branko Ladanyi and 57 technical papers from 16 countries. They are related to the application of pressuremeter testing to granular and alluvial soils, clay, rock, concrete and permafrost, and geotechnical design. It also includes a session on technological developments in the design, fabrication and installation of pressuremeters.

The Mathematical-Function Computation Handbook Lulu.com
L'attrait mystérieux du nombre pi sur tous ceux qui s'intéressent aux mathématiques n'a rien perdu de son actualité, depuis Archimède et les mathématiciens de la Grèce antique, en passant par Euler, Gauss, Abel et Jacobi, fondateurs de la théorie des fonctions elliptiques, jusqu'à Ramanujan. Par sa nature fondamentale et encyclopédique, ce nombre, qui occupe depuis 2 500 ans une position centrale dans l'histoire des mathématiques, est à l'ordre du jour, notamment dans la recherche d'algorithmes performants pour le calcul de ses décimales. Ce livre est l'occasion pour les étudiants d'université et des classes préparatoires, ainsi que pour les professeurs de mathématiques, de revoir des notions introduites dans les programmes en suivant le fil directeur de ce nombre privilégié. L'ouvrage s'attache plus au sens mathématique qu'à l'aspect anecdotique, mais il suit néanmoins l'ordre historique et sa complexité s'accroît au fil des chapitres. Une centaine d'exercices sont insérés dans le texte, les solutions en sont rassemblées dans un dernier chapitre.

Beautés de l'histoire des voyages les plus fameux autour du monde et dans les deux hémisph`eres ... Dunod
Autour du nombre [pi]Editions Hermann
Leçons Sur la Théorie Générale Des Surfaces Et Les Applications Géometriques Du Calcul Infinitésimal: ptie. Lignes géodésiques et courbure géodésique. Paramètres différentiels. Déformation des surfaces Lavoisier
Current understanding of different phases as well as the phase transitions between them has only been achieved following recent theoretical advances on the effects of dimensionality in statistical physics. P S Pershan explains the connection between these two separate areas and gives some examples of problems where the understanding is still not complete. The most important example is the second order phase transition between the nematic and smectic-A phase. Others include the relation between the several hexatic phases that have been observed and the first order restacking transitions between phases that were all previously identified as smectic-B, but which should more properly be identified as crystalline-B. Some relatively recent experimental developments on the discotic phase, liquid crystal surfaces and lyotropic phases are also included. The book includes 41 major reprints of some of the recent seminal work on the structure of liquid crystals. They are introduced by a brief review of the symmetries and other properties of liquid crystalline phases. In addition, there is a discussion of the differences between true liquid crystalline phases and others that were described as liquid crystalline in the early literature, but which have since been shown to be true three-dimensional crystals. The progression from the isotropic fluid, through the nematic, smectic, and various crystalline phases can be understood in terms of a systematic decrease in symmetry, together with an accompanying variation in structure is explained. A guide to the selected reprints and a sort of ?Rosetta Stone? for these various phases is provided. The goal of this book is to explain the systematics of this progression to students and others that are new to this field, as well as to provide a useful handbook for people already working in the field.

American Mathematical Soc.
Des fresques de l’Antiquité romaine aux pavages de Durer et Kepler, des mosaïques de l’art arabo-persan aux pavages de Penrose, l’art décoratif est illuminé de motifs géométriques foisonnants. Soumis à des régularités lancinantes ou à des symétries kaléidoscopiques, ils forment un trait d’union privilégié entre l’art et les mathématiques. S’adressant aux enseignants et étudiants en mathématiques ou informatique comme aux amateurs d’art, Géométrie des pavages propose différentes clés permettant de mieux comprendre la beauté cachée des formes, mais également de devenir les artisans constructeurs des pavages sur ordinateur. Il détaille les trois types de conception géométrique (surface plane, sphérique ou géométrie non euclidienne hyperbolique) et les concepts théoriques qui les fondent. La compréhension des mécanismes internes de la fabrication des pavages permet ainsi d’accéder aux programmes de réalisation sur ordinateur, donnant accès à des visualisations instantanées et à un grand nombre de variations possibles.
Catalogue of Scientific Papers (1800-1900): ser. 4 , 1884-1900 Archaeopress Publishing Ltd
The last thirty years were a period of continuous and intense growth in the subject of dynamical systems. New concepts and techniques and at the same time new areas of applications of the theory were found. The 31st session of the Seminaire de Mathematiques Superieures (SMS) held at the Universite de Montreal in July 1992 was on dynamical systems having as its center theme "Bifurcations and periodic orbits of vector fields". This session of the SMS was a NATO Advanced Study Institute (ASI). This ASI had the purpose of acquainting the participants with some of the most recent developments and of stimulating new research around the chosen center theme. These developments include the major tools of the new resummation techniques with applications, in particular to the proof of the non-accumulation of limit-cycles for real-analytic plane vector fields. One of the aims of the ASI was to bring together methods from real and complex dy namical systems. There is a growing awareness that an interplay between real and complex methods is both useful and necessary for the solution of some of the problems. Complex techniques become powerful tools which yield valuable information when applied to the study of the dynamics of real vector fields. The recent developments show that no rigid frontiers between disciplines exist and that interesting new developments occur when ideas and techniques from diverse disciplines are married. One of the aims of the ASI was to show these multiple interactions at work.
Metalworkers and their Tools: Symbolism, Function, and Technology in the Bronze and Iron Ages Springer Science & Business Media
Le Big Bang prouve-t-il l'existence de Dieu ? Dans quoi l'Univers se développe-t-il ? La Terre est-elle la seule planète abritant la vie ? Pourquoi le plus grand astronome de l'histoire a-t-il tué son élan de compagnie ? Saviez-vous qu'il neige du métal sur Vénus, qu'il y a des lacs souterrains sur Mars et des rivières de pétrole sur Titan ? L'espace est l’objet le plus grand, le plus ancien, le plus chaud, le plus froid et le plus étrange qu'un humain puisse étudier. Dans Magique Cosmos, Tim James nous emmène faire un tour de l'univers connu (et inconnu), tout en déballant les dernières théories sur ce qui s’y passe réellement. Il nous fait découvrir la science de l'espace dans ce qu'elle a de plus étrange. En nous guidant à travers la relativité d'Einstein, la mécanique quantique et la théorie des cordes, Magique Cosmos explore les recoins les plus déroutants de l’univers et s'attaque aux plus grands mystères auxquels nous sommes confrontés : de la vie extraterrestre au zodiaque ; des trous blancs aux trous de ver ; des quasars aux quarks. Tim James nous emmène aussi au-delà de notre système solaire, vers des exoplanètes qui pourraient abriter la vie et des planètes voyous. Il nous raconte la recherche d'intelligence extraterrestre, notamment la découverte de fossiles martiens dans la météorite Alan Hills, et le tentant "signal Wow" reçu par la Terre en 1973 - encore inexpliqué.
Echinoderm Research 1991 Springer Science & Business Media
12 papers by 22 authors from the “Metools” symposium (Queens University, Belfast, 2016), aim to shine a spotlight on the tools of the metalworker and to follow their evolution from the beginning of the Bronze Age through to the Iron Age, as well as the place held by metalworking and its artisans in the economic and social landscape of the period.
La théorie de la musique antique et médiévale CRC Press
This is the final volume in the set of four collections of Michel Huglo's articles to be published in the Variorum series, and focuses on medieval music theory. The point of departure for Huglo's research was his doctoral dissertation on tonaries, published in 1971: as a consequence, he studied the manuscripts of music theory concerning plainchant, and, later, those with writings on music by authors of Late Antiquity as well as the Liber glossarum, with its many definitions of musical terms. In this volume, certain articles consider the interpretation or dissemination of texts, instruction in the art of plainchant, and musical instruction at the university. Others concern the manuscripts of St Augustine's De musica and of the writings of Calcidius, Macrobius, Helisachar, Hucbald, Gerbert of Aurillac, Abbo of Fleury, John of Afflighem, and Hieronymus de Moravia, amongst others. The volume closes with a bibliography of Michel Huglo complementing that published in 1993 and a summary list of his reviews of books on music and liturgy. Ce volume des articles de Michel Huglo termine la série de quatre dans la collection Variorum. Il est centré sur la théorie musicale médiévale. Le point de départ des recherches de Michel Huglo sur la théorie musicale du Moyen Âge est formé par sa thèse sur les tonaires, éditée en 1971: en consequence il etudia les manuscrits de theorie musicale concernant le plain-chant et, plus tard, les auteurs de l'Antiquité tardive et le Liber glossarum qui contient des définitions de nombreux termes musicaux. Dans ce volume, certains articles traitent de l'interprétation ou de la dissémination des textes, des instructions sur l'art du chant, et sur l'enseignement de la musique Ã l'Université. Ils concernent les manuscrits du De musica d'Augustin, de Calcidius, Macrobe, Helisachar, Hucbald, Gerbert d'Aurillac, Abbon de Fleury, Jean d'Afflighem, Hieronymus de Moravia, et d'autres auteurs. Le volume se termine par une bibliographie de Michel Huglo complétant celle publiée en 1993 et une liste sommaire de ses recensions d'ouvrages sur la musique et la liturgie.