

Curso De Italiano A1 110 Horas Acceso A Universidad Y

This open access book explores commentaries on an influential text of pre-Copernican astronomy in Europe. It features essays that take a close look at key intellectuals and how they engaged with the main ideas of this qualitative introduction to geocentric cosmology. Johannes de Sacrobosco compiled his *Tractatus de sphaera* during the thirteenth century in the frame of his teaching activities at the then recently founded University of Paris. It soon became a mandatory text all over Europe. As a result, a tradition of commentaries to the text was soon established and flourished until the second half of the 17th century. Here, readers will find an informative overview of these commentaries complete with a rich context. The essays explore the educational and social backgrounds of the writers. They also detail how their careers developed after the publication of their commentaries, the institutions and patrons they were affiliated with, what their agenda was, and whether and how they actually accomplished it. The editor of this collection considers these scientific commentaries as genuine scientific works. The contributors investigate them here not only in reference to the work on which it comments but also, and especially, as independent scientific contributions that are socially, institutionally, and intellectually contextualized around their authors.

Zielniveau A1 Siehe Kurs- und Arbeitsbuch (978-3-19-004129-7) Ohne Schlüssel
Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

Through an effective blend of analysis and examples this text integrates the game theory revolution with the traditional understanding of imperfectly competitive markets.

The dynamic environment of investment banks, hedge funds, and private equity firms comes to life in David Stowell's introduction to the ways they challenge and sustain

each other. Capturing their reshaped business plans in the wake of the 2007-2009 global meltdown, his book reveals their key functions, compensation systems, unique roles in wealth creation and risk management, and epic battles for investor funds and corporate influence. Its combination of perspectives—drawn from his industry and academic backgrounds—delivers insights that illuminate the post-2009 reinvention and acclimation processes. Through a broad view of the ways these financial institutions affect corporations, governments, and individuals, Professor Stowell shows us how and why they will continue to project their power and influence. Emphasizes the needs for capital, sources of capital, and the process of getting capital to those who need it. Integrates into the chapters ten cases about recent transactions, along with case notes and questions Accompanies cases with spreadsheets for readers to create their own analytical frameworks and consider choices and opportunities.

In the twenty-first century, everyone can benefit from being able to think mathematically. This is not the same as "doing math." The latter usually involves the application of formulas, procedures, and symbolic manipulations; mathematical thinking is a powerful way of thinking about things in the world -- logically, analytically, quantitatively, and with precision. It is not a natural way of thinking, but it can be learned. Mathematicians, scientists, and engineers need to "do math," and it takes many years of college-level education to learn all that is required. Mathematical thinking is valuable to everyone, and can be mastered in about six weeks by anyone who has completed high school mathematics. Mathematical thinking does not have to be about mathematics at all, but parts of mathematics provide the ideal target domain to learn how to think that way, and that is the approach taken by this short but valuable book. The book is written primarily for first and second year students of science, technology, engineering, and mathematics (STEM) at colleges and universities, and for high school students intending to study a STEM subject at university. Many students encounter difficulty going from high school math to college-level mathematics. Even if they did well at math in school, most are knocked off course for a while by the shift in emphasis, from the K-12 focus on mastering procedures to the "mathematical thinking" characteristic of much university mathematics. Though the majority survive the transition, many do not. To help them make the shift, colleges and universities often have a "transition course." This book could serve as a textbook or a supplementary source for such a course. Because of the widespread applicability of mathematical thinking, however, the book has been kept short and written in an engaging style, to make it accessible to anyone who seeks to extend and improve their analytic thinking skills. Going beyond a basic grasp of analytic thinking that everyone can benefit from, the STEM student who truly masters mathematical thinking will find that college-level mathematics goes from being confusing, frustrating, and at times seemingly impossible, to making sense and being hard but doable. Dr. Keith Devlin is a professional mathematician at Stanford University and the author of 31 previous books and over 80 research papers. His books have earned him many awards, including the Pythagoras Prize, the Carl Sagan Award, and the Joint Policy Board for Mathematics Communications Award. He is known to millions of NPR listeners as "the Math Guy" on Weekend Edition with Scott Simon. He writes a popular monthly blog "Devlin's Angle" for the Mathematical Association of America, another blog under the name "profkeithdevlin", and also blogs on various topics for the Huffington Post.

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

This comprehensive and authoritative guide will teach you the DAX language for business intelligence, data modeling, and analytics. Leading Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization. You'll learn exactly what happens under the hood when you run a DAX expression, how DAX behaves differently from other languages, and how to use this knowledge to write fast, robust code. If you want to leverage all of DAX's remarkable power and flexibility, this no-compromise "deep dive" is exactly what you need. Perform powerful data analysis with DAX for Microsoft SQL Server Analysis Services, Excel, and Power BI Master core DAX concepts, including calculated columns, measures, and error handling Understand evaluation contexts and the CALCULATE and CALCULATETABLE functions Perform time-based calculations: YTD, MTD, previous year, working days, and more Work with expanded tables, complex functions, and elaborate DAX expressions Perform calculations over hierarchies, including parent/child hierarchies Use DAX to express diverse and unusual relationships Measure DAX query performance with SQL Server Profiler and DAX Studio

100 dynamic and humorous lessons to learn German. With this method, only five months, you will be able to express yourself and talk in German. The recordings, made as always by professionals at a gradual pace, will help you feel perfectly comfortable with the language of Goethe

¡Qué chévere! is an engaging program that develops students' communication skills by providing ample speaking and writing practice in contextualized situations, working with partners and in groups.

This book is designed to accompany the Italian online course "Italian Language and Culture: Beginner" on the edX platform. However, much of the content of this book, such as grammar charts, explanations and examples, as well as readings and texts of interviews with native speakers, will be of certain interest to any beginner learner of Italian. In this book you will find the following material accompanied by a table of contents and an index: -Grammar explanations, examples and charts -Ciak! videos (texts in Italian and Italian with English translation) -"Lecture" (readings in Italian and Italian with English translation) -"Interviste" (interviews in Italian and Italian with English translation) -Vocabulary charts Consider

purchasing the other two books in this series: Italian Language and Culture: Intermediate ISBN-13: 978-1523638901 Italian Language and Culture: Advanced ISBN-13: 978-1523648788

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This third edition of this text presents the major grammatical contrasts between English and Spanish in a simple and direct manner that is ideal for teachers of either language. This book addresses difficult grammatical topics for the English speaker, such as the question of aspect (preterit/imperfect) and the Spanish indicative/subjunctive; the English modal auxiliary system; and other challenging topics for the Spanish speaker. This reworked and expanded edition presents a complete inventory of all the major interlingual contrasts, emphasizing those contrasts that pose difficulties for teachers and students alike. The text features numerous exercises and, new with this edition, an extensive glossary of grammatical terms. Answer key available for download from the "features" tab on the publisher's website: <https://rowman.com/ISBN/9780761863755/Bilingual-Grammar-of-English-Spanish-Syntax-With-Exercises-and-a-Glossary-of-Grammatical-Terms-3rd-Edition>

1984 is George Orwell's terrifying vision of a totalitarian future in which everything and everyone is slave to a tyrannical regime lead by The Party. Winston Smith works for the Ministry of Truth in London, chief city of Airstrip One. Big Brother stares out from every poster, the Thought Police uncover every act of betrayal. When Winston finds love with Julia, he discovers that life does not have to be dull and deadening, and awakens to new possibilities. Despite the police helicopters that hover and circle overhead, Winston and Julia begin to question the Party; they are drawn towards conspiracy. Yet Big Brother will not tolerate dissent - even in the mind. For those with original thoughts they invented Room 101. . .

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THE YEAR 1866 was marked by a bizarre development, an unexplained and downright inexplicable phenomenon that surely no one has forgotten. Without getting into those rumors that upset civilians in the seaports and deranged the public mind even far inland, it must be said that professional seamen were especially alarmed. Traders, shipowners, captains of vessels, skippers, and master mariners from Europe and America, naval officers from every country, and at their heels the various national governments on these two continents, were all extremely disturbed by the business. In essence, over a period of time several ships had encountered "an enormous thing" at sea, a long spindle-shaped object, sometimes giving off a phosphorescent glow, infinitely bigger and faster than any whale. The relevant data on this apparition, as recorded in various logbooks, agreed pretty closely as to the structure of the object or creature in question, its unprecedented speed of movement, its startling locomotive power, and the unique vitality with which it seemed to be gifted. If it was a cetacean, it exceeded in bulk any whale previously classified by science. No naturalist, neither Cuvier nor Lacépède, neither Professor Dumeril nor Professor de Quatrefages, would have accepted the existence of such a monster sight unseen—specifically, unseen by

their own scientific eyes. Striking an average of observations taken at different times—rejecting those timid estimates that gave the object a length of 200 feet, and ignoring those exaggerated views that saw it as a mile wide and three long—you could still assert that this phenomenal creature greatly exceeded the dimensions of anything then known to ichthyologists, if it existed at all. Now then, it did exist, this was an undeniable fact; and since the human mind dotes on objects of wonder, you can understand the worldwide excitement caused by this unearthly apparition. As for relegating it to the realm of fiction, that charge had to be dropped. In essence, on July 20, 1866, the steamer Governor Higginson, from the Calcutta & Burnach Steam Navigation Co., encountered this moving mass five miles off the eastern shores of Australia.

"Published by OpenStax College, Calculus is designed for the typical two- or three-semester general calculus course, incorporating innovative features to enhance student learning. The book guides students through the core concepts of calculus and helps them understand how those concepts apply to their lives and the world around them. Due to the comprehensive nature of the material, we are offering the book in three volumes for flexibility and efficiency. Volume 1 covers functions, limits, derivatives, and integration."--BC Campus website.

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