

Baixar Livro De Genetica

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Fertilizing for High Yield and Quality

Basic epidemiology provides an introduction to the core principles and methods of epidemiology, with a special emphasis on public health applications in developing countries. This edition includes chapters on the nature and uses of epidemiology; the epidemiological approach to defining and measuring the occurrence of health-related states in populations; the strengths and limitations of epidemiological study designs; and the role of epidemiology in evaluating the effectiveness and efficiency of health care. The book has a particular emphasis on modifiable environmental factors and encourages the application of epidemiology to the prevention of disease and the promotion of health, including environmental and occupational health.

Diagnostics in Plant Breeding

Provides a readable and understandable review of the basic principles of medical genetics, including recent advances in molecular genetics and the clinical applications of this new knowledge for the diagnosis and management of genetic disorders. Now brought completely up to date, this edition has been extensively revised and includes new information on developmental defects, genetics of complex diseases, genetics of cancer, molecular and biochemical basis of genetics, and the human genome project. It also features an all-new set of 29 clinical cases with color photographs to assist students in relating basic genetics to clinical genetic disease.

Remarkable Creatures

New edition of a text in which six researchers from leading institutions discuss what is known and what is yet to be understood in the field of cell biology. The material on molecular genetics has been revised and expanded so that it can be used as a stand-alone text. A new chapter covers pathogens, infection, and innate immunity. Topics include introduction to the cell, basic genetic mechanisms,

methods, internal organization of the cell, and cells in their social context. The book contains color illustrations and charts; and the included CD-ROM contains dozens of video clips, animations, molecular structures, and high-resolution micrographs. Annotation copyrighted by Book News Inc., Portland, OR.

Algoritmos Genéticos (2a edição)

High-Yield™ Genetics is an important addition to the High-Yield™ Series, which medical students rely on heavily to review for the USMLE. This new volume provides a concise, clinically oriented summary of genetics in the popular High-Yield™ outline format. The book is generously illustrated with schematic line drawings as well as photographs of the most clinically relevant diseases. Illustrations appear at the end of each chapter in a multi-panel figure, similar to a mini-atlas.

General Botany

Molecular Biology of the Cell

Molecular approaches have opened new windows on a host of ecological and evolutionary disciplines, ranging from population genetics and behavioral ecology to conservation biology and systematics. *Molecular Markers, Natural History and Evolution* summarizes the multi-faceted discoveries about organisms in nature that have stemmed from analyses of genetic markers provided by polymorphic proteins and DNAs. The first part of the book introduces rationales for the use of molecular markers, provides a history of molecular phylogenetics, and describes a wide variety of laboratory methods and interpretative tools in the field. The second and major portion of the book provides a cornucopia of biological applications for molecular markers, organized along a scale from micro-evolutionary topics (such as forensics, parentage, kinship, population structure, and intra-specific phylogeny) to macro-evolutionary themes (including species relationships and the deeper phylogenetic structure in the tree of life). Unlike most prior books in molecular evolution, the focus is on organismal natural history and evolution, with the macromolecules being the means rather than the ends of scientific inquiry. Written as an intellectual stimulus for the advanced undergraduate, graduate student, or the practicing biologist desiring a wellspring of research ideas at the interface of molecular and organismal biology, this book presents material in a manner that is both technically straightforward, yet rich with concepts and with empirical examples from the world of nature.

High-yield Genetics

Mark Ridley's *Evolution* has become the premier undergraduate text in the study of evolution. Readable and stimulating, yet well-balanced and in-depth, this text tells the story of evolution, from the history of the study to the most recent developments in evolutionary theory. The third edition of this successful textbook features updates and extensive new coverage. The sections on adaptation and diversity have been reorganized for improved clarity and flow, and a completely

updated section on the evolution of sex and the inclusion of more plant examples have all helped to shape this new edition. Evolution also features strong, balanced coverage of population genetics, and scores of new applied plant and animal examples make this edition even more accessible and engaging. Dedicated website – provides an interactive experience of the book, with illustrations downloadable to PowerPoint, and a full supplemental package complementing the book – www.blackwellpublishing.com/ridley. Margin icons – indicate where there is relevant information included in the dedicated website. Two new chapters – one on evolutionary genomics and one on evolution and development bring state-of-the-art information to the coverage of evolutionary study. Two kinds of boxes – one featuring practical applications and the other related information, supply added depth without interrupting the flow of the text. Margin comments – paraphrase and highlight key concepts. Study and review questions – help students review their understanding at the end of each chapter, while new challenge questions prompt students to synthesize the chapter concepts to reinforce the learning at a deeper level.

Basic Epidemiology

E se você pudesse usar os milhares de anos de conhecimento dos seus ancestrais? E se essas memórias lhe dessem habilidades formidáveis, decisivas, para você combater uma sociedade secreta que conspira para jogar o mundo numa crise sem precedentes, um evento tão violento que a única saída seria a aceitação de um líder imposto por eles? O mundo passa por um momento muito turbulento com a ameaça de pandemia do Mtera vírus. Partidos e grupos nacionalistas vêm ganhando força e seu discurso radical insufla manifestações e protestos em vários países, inclusive no Brasil. É nesse cenário de convulsão social que Giulietta e seus amigos se unem a um grupo de jovens combativos de Porto Alegre e, com a ajuda de uma misteriosa organização, lutam contra a obscura força que deseja colocar o mundo de joelhos. Memória Genética mistura aventura, ficção e mistério e se passa num futuro próximo. É a história de uma menina de dezesseis anos que, depois de experimentar um inusitado aparelho, adquire a capacidade de usar suas memórias genéticas. Em meio a transformações e inseguranças típicas da adolescência, dramas familiares e a pressão de uma apresentação artística para o colégio, ela se vê envolvida por uma série de acontecimentos estranhos que a conduzem para uma torrente de enigmas e aventuras. A Sociedade Tauri é muito poderosa e tem tentáculos por todo o mundo. Ela também deseja o Indutor de Memórias para seu plano nefasto e, para isso, fará qualquer coisa. Mas os Tauri não contavam que uma antiga aliança de defensores da liberdade escolheria Giulietta. Com a ajuda seus amigos Zero e Margot, usando as habilidades e sabedoria dos seus ancestrais e com a coragem dos Nômades ela enfrentará esse mal. E farão de tudo para impedi-los.

Introduction to Veterinary Genetics

'Medical Genetics' offers up-to-date information on modern genetics. This comprehensive study includes the latest findings from genetic research and how that knowledge can be used in clinical practice.

Social Life in the Insect World

Parcerias estratégicas

Genética molecular humana, 4ª edição, foi elaborada de modo a facilitar a compreensão desta disciplina emocionante e de rápido avanço. Tópicos como epigenética, RNAs não codificantes e biologia celular, incluindo células-tronco, receberam maior destaque, o mesmo ocorrendo em relação aos principais modelos animais utilizados em estudos genéticos e a maneira como são aplicados para auxiliar na compreensão de doenças humanas. Foram incluídos, ainda, os recentes avanços em sequenciamento de nova geração e genômica comparada.

Paper Towns

An introductory overview of aspects of genetics that are relevant to animal diseases and to animal production. This is a shorter and simplified version of the successful Veterinary Genetics (1987), and is ideal for students, classroom use, and Practitioners who require more guidance with genetics. Molecular techniques that are revolutionizing our understanding of animal genetics are covered throughout the book, including in the areas of familial disorders, environmental control of inherited disorders, animal breeding, and selection.

Genética Molecular Humana

Por uma vida menos ordinária

Se aprender a comer bem, nunca mais vai querer outra coisa. Porque é que as dietas não funcionam? Porque é que, em 98 por cento dos casos, as pessoas mal acabam de fazer uma dieta recuperam o peso perdido à custa de tantos sacrifícios? A resposta é simples, não nascemos para viver em privação. O nosso corpo foi desenhado, há milhares de anos, para a sobrevivência. Se sentimos fome, devemos comer. O Dr. Joel Fuhrman, um dos mais respeitados e requisitados médicos norte-americanos, tratou milhares de pacientes ao longo dos anos. A todos deu o mesmo conselho: pode comer a quantidade que quiser, desde que coma os alimentos ricos em nutrientes e pobres em calorias. A partir de vários estudos científicos, o autor elaborou uma lista. Morangos e caju, por exemplo, têm respetivamente 1 e 2 de carga glicémica, enquanto uma lata de refrigerante apresenta 32! No sentido inverso, na tabela que mede a densidade de nutrientes por caloria, o agrião e a couve-galega pontuam o máximo (1000) enquanto o pão branco, por exemplo, tem apenas nove!! de pontuação (ou seja, os seus benefícios para a saúde são quase zero). O programa de sete dias que o autor sugere baseia-se nesses alimentos ricos em proteínas, fibras, vitaminas e sais minerais e pobres em calorias. Mal termine o programa, a ideia é manter os bons hábitos durante a vida inteira. A consequência natural será uma perda de peso sustentada e a reeducação total do corpo. E para que nada lhe falte, o livro oferece dezenas de receitas confeccionadas com os alimentos base - e como verá, são deliciosas.

O Fim das Dietas

The Social Animal

Traces the friendship and collaborative achievements of 20th-century intellectuals Albert Camus and Jacques Monod, discussing their contributions to the French Resistance, Nobel Prize-winning work and passionate advocacy of human rights.

What Is Darwinism?

Genética médica: Teoria do aconselhamento genético

If not for the work of his half cousin Francis Galton, Charles Darwin's evolutionary theory might have met a somewhat different fate. In particular, with no direct evidence of natural selection and no convincing theory of heredity to explain it, Darwin needed a mathematical explanation of variability and heredity. Galton's work in biometry—the application of statistical methods to the biological sciences—laid the foundations for precisely that. This book offers readers a compelling portrait of Galton as the "father of biometry," tracing the development of his ideas and his accomplishments, and placing them in their scientific context. Though Michael Bulmer introduces readers to the curious facts of Galton's life—as an explorer, as a polymath and member of the Victorian intellectual aristocracy, and as a proponent of eugenics—his chief concern is with Galton's pioneering studies of heredity, in the course of which he invented the statistical tools of regression and correlation. Bulmer describes Galton's early ambitions and experiments—his investigations of problems of evolutionary importance (such as the evolution of gregariousness and the function of sex), and his movement from the development of a physiological theory to a purely statistical theory of heredity, based on the properties of the normal distribution. This work, culminating in the law of ancestral heredity, also put Galton at the heart of the bitter conflict between the "ancestrians" and the "Mendelians" after the rediscovery of Mendelism in 1900. A graceful writer and an expert biometrician, Bulmer details the eventual triumph of biometrical methods in the history of quantitative genetics based on Mendelian principles, which underpins our understanding of evolution today.

Genetics in Medicine

National Book Award Finalist: A biologist's "thoroughly enjoyable" account of the expeditions that unearthed the history of life on our planet (Publishers Weekly). Not so long ago, most of our world was an unexplored wilderness. Our sense of its age was vague and vastly off the mark, and much of the knowledge of our own species' history was a set of fantastic myths and fairy tales. But scientists were about to embark on an amazing new era of understanding. From the New York Times–bestselling author of *The Big Picture*, this book leads us on a rousing voyage that recounts the most important discoveries in two centuries of natural history: from Darwin's trip around the world to Charles Walcott's discovery of pre-Cambrian life in the Grand Canyon; from Louis and Mary Leakey's investigation of our

deepest past in East Africa to the trailblazers in modern laboratories who have located a time clock in our DNA. Filled with the same sense of adventure that spurred on these extraordinary men and women, Remarkable Creatures is a “stirring introduction to the wonder of evolutionary biology” (Kirkus Reviews). “Charming and enlightening.” —San Francisco Chronicle “As fast-paced as a detective story.” —Nature

Medical Genetics

A complete introductory text on how to integrate basic genetic principles into the practice of clinical medicine Medical Genetics is the first text to focus on the everyday application of genetic assessment and its diagnostic, therapeutic, and preventive implications in clinical practice. It is intended to be a text that you can use throughout medical school and refer back to when questions arise during residency and, eventually, practice. Medical Genetics is written as a narrative where each chapter builds upon the foundation laid by previous ones. Chapters can also be used as stand-alone learning aids for specific topics. Taken as a whole, this timely book delivers a complete overview of genetics in medicine. You will find in-depth, expert coverage of such key topics as: The structure and function of genes Cytogenetics Mendelian inheritance Mutations Genetic testing and screening Genetic therapies Disorders of organelles Key genetic diseases, disorders, and syndromes Each chapter of Medical Genetics is logically organized into three sections: Background and Systems – Includes the basic genetic principles needed to understand the medical application Medical Genetics – Contains all the pertinent information necessary to build a strong knowledge base for being successful on every step of the USMLE Case Study Application – Incorporates case study examples to illustrate how basic principles apply to real-world patient care Today, with every component of health care delivery requiring a working knowledge of core genetic principles, Medical Genetics is a true must-read for every clinician.

Phylogeography

General Botany covers certain aspects of general botany, such as morphology, anatomy, and histology. The book discusses the molecular constitution of plants; the structural constitution of the protoplasm, the cell, and the cytoplasm; and the differentiation of the cell. The text also describes the types of organization in plants; the internal and external structure of the stem, the leaf, and the root; and water and salt balance, with regard to the translocation of materials. The energy procurement and the synthetic processes in autotrophic plants; the respiration and energy transformations; and nitrogen metabolism are also considered. The book further tackles heterotrophy; reproduction; heredity; development; and the movement of plants. Botanists, cytologists, plant physiologists, and students taking related courses will find the text invaluable.

What Makes Biology Unique?

Ever wondered how the food you eat becomes the energy your body needs to keep going? If DNA is a set of instructions in your cells, how does it tell your cells what to do? How does your brain know what your feet are doing? The theory of evolution

says that humans and chimps descended from a common ancestor, but does it tell us how and why? We humans are insatiably curious creatures who can't help wondering how things work – starting with our own bodies. Wouldn't it be great to have a single source of quick answers to all our questions about how living things work? Now there is. From molecules to animals, cells to ecosystems, *Biology For Dummies* answers all your questions about how living things work. Written in plain English and packed with dozens of illustrations, quick-reference “Cheat Sheets” and helpful tables and diagrams, it can get you quickly up to speed on what you need to know to: Understand how cells work Get a handle on the chemistry of life Find out how food becomes energy Get to know your body's systems Decode the secrets of DNA Find out what evolution is and isn't and how it works Take a peek into the lives of bacteria Explore how viruses do their thing Most basic biology books take a very round about approach, dividing things up according to different types of organisms. *Biology For Dummies* cuts right to the chase with fast-paced, easy-to-absorb explanations of the life processes common to all organisms. Topics covered include: How plants and animals get nutrients How organisms transport nutrients and expel waste How nutrients are transformed into energy How energy is used to sustain life How organisms breathe How organisms reproduce How organisms evolve into new life-forms How organisms create ecosystems With this engaging guide in your corner, you'll get a grip on complex biology concepts and unlock the mysteries of how life works in no time – no advanced degrees required.

Our Vanishing Wild Life

Just the mention of mathematics is enough to strike fear into the hearts of many, yet without it, the human race couldn't be where it is today. By exploring the subject through its 50 key insights--from the simple (the number one) and the subtle (the invention of zero) to the sophisticated (proving Fermat's last theorem)--this book shows how mathematics has changed the way we look at the world around us.

Human Genetics

From the influential New York Times columnist and best-selling author of *Bobos in Paradise* comes a landmark exploration of how human beings and communities succeed. Reprint. A #1 best-seller.

In Vitro Embryogenesis in Higher Plants

DNA evidence not only solves crimes—in Sean Carroll's hands it will now end the Evolution Wars. DNA, the genetic blueprint of all creatures, is a stunningly rich and detailed record of evolution. Every change or new trait, from the gaudy colors of tropical birds to our color vision with which we admire them, is due to changes in DNA that leave a record and can be traced. Just as importantly, the DNA evidence has revealed several profound surprises about how evolution actually works.

Thompson & Thompson Genetics in Medicine

This volume presents an overview of recent advances, innovative applications, and

future prospects of in vitro embryogenesis in higher plants. The book's chapters are divided into five parts: Part I contains reviews on general topics (microspore; zygotic and somatic embryogenesis; in vitro and in vivo asexual embryogenesis; advances on the genetic, physiological, and proteomic knowledge of somatic embryo formation; role of apoptosis and mitochondria in somatic embryogenesis; and innovation in the use of bioreactors). The remaining four parts discuss step-wise protocols on somatic embryogenesis in selected horticultural plants (Part II); forest trees (Part III); gametic embryogenesis (Part IV); and pivotal topics, such as the detection of epigenetics modifications during microspore embryogenesis, the in vitro embryogenesis and plant regenerations from isolated zygotes, the synthetics seed production, the induction and maturation of somatic embryos, and the cryostorage of embryogenic cultures (Part V). Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and thorough, *In Vitro Embryogenesis in Higher Plants*, is a useful source of information and ideas for plant tissue culturists, cell biologists, embryologists, horticulturists, and operators of commercial nurseries. This book will introduce the fascinating work in in vitro embryogenesis in higher plants to students and young scientists.

Evolution

Breakthroughs in genetics present us with a promise and a predicament. The promise is that we will soon be able to treat and prevent a host of debilitating diseases. The predicament is that our newfound genetic knowledge may enable us to manipulate our nature—to enhance our genetic traits and those of our children. Although most people find at least some forms of genetic engineering disquieting, it is not easy to articulate why. What is wrong with re-engineering our nature? *The Case against Perfection* explores these and other moral quandaries connected with the quest to perfect ourselves and our children. Michael Sandel argues that the pursuit of perfection is flawed for reasons that go beyond safety and fairness. The drive to enhance human nature through genetic technologies is objectionable because it represents a bid for mastery and dominion that fails to appreciate the gifted character of human powers and achievements. Carrying us beyond familiar terms of political discourse, this book contends that the genetic revolution will change the way philosophers discuss ethics and will force spiritual questions back onto the political agenda. In order to grapple with the ethics of enhancement, we need to confront questions largely lost from view in the modern world. Since these questions verge on theology, modern philosophers and political theorists tend to shrink from them. But our new powers of biotechnology make these questions unavoidable. Addressing them is the task of this book, by one of America's preeminent moral and political thinkers.

The Gene

This is a reproduction of the original artefact. Generally these books are created from careful scans of the original. This allows us to preserve the book accurately and present it in the way the author intended. Since the original versions are generally quite old, there may occasionally be certain imperfections within these

reproductions. We're happy to make these classics available again for future generations to enjoy!

Memória Genética: Livro um

Livro anual da agricultura

A dystopian thriller follows a boy and girl on the run from a town where all thoughts can be heard – and the passage to manhood embodies a horrible secret. Todd Hewitt is the only boy in a town of men. Ever since the settlers were infected with the Noise germ, Todd can hear everything the men think, and they hear everything he thinks. Todd is just a month away from becoming a man, but in the midst of the cacophony, he knows that the town is hiding something from him -- something so awful Todd is forced to flee with only his dog, whose simple, loyal voice he hears too. With hostile men from the town in pursuit, the two stumble upon a strange and eerily silent creature: a girl. Who is she? Why wasn't she killed by the germ like all the females on New World? Propelled by Todd's gritty narration, readers are in for a white-knuckle journey in which a boy on the cusp of manhood must unlearn everything he knows in order to figure out who he truly is.

Francis Galton

“Diagnostics in Plant Breeding” is systematically organizing cutting-edge research reviews on the development and application of molecular tools for the prediction of plant performance. Given its significance for mankind and the available research resources, medical sciences are leading the area of molecular diagnostics, where DNA-based risk assessments for various diseases and biomarkers to determine their onset become increasingly available. So far, most research in plant genomics has been directed towards understanding the molecular basis of biological processes or phenotypic traits. From a plant breeding perspective, however, the main interest is in predicting optimal genotypes based on molecular information for more time- and cost-efficient breeding schemes. It is anticipated that progress in plant genomics and in particular sequence technology made recently will shift the focus from “explanatory” to “predictive” in crop science. This book assembles chapters on all areas relevant to development and application of predictive molecular tools in plant breeding by leading authorities in the respective areas.

50 Mathematical Ideas You Really Need to Know

Authoritative, thorough, and engaging, Life: The Science of Biology achieves an optimal balance of scholarship and teachability, never losing sight of either the science or the student. The first introductory text to present biological concepts through the research that revealed them, Life covers the full range of topics with an integrated experimental focus that flows naturally from the narrative. This approach helps to bring the drama of classic and cutting-edge research to the classroom - but always in the context of reinforcing core ideas and the innovative scientific thinking behind them. Students will experience biology not just as a litany of facts or a highlight reel of experiments, but as a rich, coherent discipline.

Molecular Markers, Natural History and Evolution

Acerola; Banana; Cashew: dwarf variety; Citrus; Coconut: green dwarf variety; Guava; Mango; Papaya; Passion-fruit; Pineapple; Soursop.

Medical Genetics

This collection of revised and new essays argues that biology is an autonomous science rather than a branch of the physical sciences. Ernst Mayr, widely considered the most eminent evolutionary biologist of the 20th century, offers insights on the history of evolutionary thought, critiques the conditions of philosophy to the science of biology, and comments on several of the major developments in evolutionary theory. Notably, Mayr explains that Darwin's theory of evolution is actually five separate theories, each with its own history, trajectory and impact. Ernst Mayr, commonly referred to as the "Darwin of the 20th century" and listed as one of the top 100 scientists of all-time, is Professor Emeritus at Harvard University. What Makes Biology Unique is the 25th book he has written during his long and prolific career. His recent books include This is Biology: The Science of the Living World (Belknap Press, 1997) and What Evolution Is (Basic Books, 2002).

Life

The Making of the Fittest: DNA and the Ultimate Forensic Record of Evolution

The #1 NEW YORK TIMES Bestseller The basis for the PBS Ken Burns Documentary The Gene: An Intimate History From the Pulitzer Prize-winning author of The Emperor of All Maladies—a fascinating history of the gene and “a magisterial account of how human minds have laboriously, ingeniously picked apart what makes us tick” (Elle). “Sid Mukherjee has the uncanny ability to bring together science, history, and the future in a way that is understandable and riveting, guiding us through both time and the mystery of life itself.” –Ken Burns “Dr. Siddhartha Mukherjee dazzled readers with his Pulitzer Prize-winning The Emperor of All Maladies in 2010. That achievement was evidently just a warm-up for his virtuoso performance in The Gene: An Intimate History, in which he braids science, history, and memoir into an epic with all the range and biblical thunder of Paradise Lost” (The New York Times). In this biography Mukherjee brings to life the quest to understand human heredity and its surprising influence on our lives, personalities, identities, fates, and choices. “Mukherjee expresses abstract intellectual ideas through emotional stories...[and] swaddles his medical rigor with rhapsodic tenderness, surprising vulnerability, and occasional flashes of pure poetry” (The Washington Post). Throughout, the story of Mukherjee’s own family—with its tragic and bewildering history of mental illness—reminds us of the questions that hang over our ability to translate the science of genetics from the laboratory to the real world. In riveting and dramatic prose, he describes the centuries of research and experimentation—from Aristotle and Pythagoras to Mendel and Darwin, from Boveri and Morgan to Crick, Watson and Franklin, all the way through the

revolutionary twenty-first century innovators who mapped the human genome. “A fascinating and often sobering history of how humans came to understand the roles of genes in making us who we are—and what our manipulation of those genes might mean for our future” (Milwaukee Journal-Sentinel), *The Gene* is the revelatory and magisterial history of a scientific idea coming to life, the most crucial science of our time, intimately explained by a master. “*The Gene* is a book we all should read” (USA TODAY).

Brave Genius

Special edition slipcase edition of John Green's *Paper Towns*, with pop-up paper town. From the bestselling author of *The Fault in our Stars*. Quentin Jacobsen has always loved Margo Roth Spiegelman, for Margo (and her adventures) are the stuff of legend at their high school. So when she one day climbs through his window and summons him on an all-night road trip of revenge he cannot help but follow. But the next day Margo doesn't come to school and a week later she is still missing. Q soon learns that there are clues in her disappearance . . . and they are for him. But as he gets deeper into the mystery - culminating in another awesome road trip across America - he becomes less sure of who and what he is looking for. Masterfully written by John Green, this is a thoughtful, insightful and hilarious coming-of-age story.

Biology For Dummies

Destinado a alunos de graduação e pós-graduação de computação, este livro introduz uma ferramenta de resolução de problemas, os algoritmos genéticos, que são parte de uma área emergente da computação inteligente, denominada 'computação Bio-Inspirada', que retira da natureza a inspiração para encontrar soluções para problemas que são difíceis para serem resolvidos por técnicas tradicionais. Baseados neste paradigma, os algoritmos genéticos resolvem problemas computacionais através da modelagem do processo de evolução natural, realizando processos de reprodução e mutação, até encontrar soluções adequadas para o problema em questão.

The Case against Perfection

Rosa Okonedo está de volta! Com dívidas para pagar, a capitã do cargueiro Amaterasu e sua equipe partem para uma missão com ares de mistério — encontrar um tesouro tido como lenda entre os contrabandistas espaciais. Mas e se eles não forem os únicos atrás dessa imensa fortuna?

The Knife of Never Letting Go

Phylogeography is a discipline concerned with various relationships between gene genealogies--phylogenetics--and geography. This book captures the conceptual and empirical richness of the field, and also the sense of genuine innovation that phylogeographic perspectives have brought to evolutionary studies.

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