

Bursts The Hidden Pattern Behind Everything We Do

A brilliant satire of mass culture and the numbing effects of technology, *White Noise* tells the story of Jack Gladney, a teacher of Hitler studies at a liberal arts college in Middle America. Jack and his fourth wife, Babette, bound by their love, fear of death, and four ultramodern offspring, navigate the rocky passages of family life to the background babble of brand-name consumerism. Then a lethal black chemical cloud, unleashed by an industrial accident, floats over their lives, an "airborne toxic event" that is a more urgent and visible version of the white noise engulfing the Gladneys—the radio transmissions, sirens, microwaves, and TV murmurings that constitute the music of American magic and dread. This book provides eloquent support for the idea that spontaneous neuron activity, far from being mere noise, is actually the source of our cognitive abilities. In a sequence of "cycles," György Buzsáki guides the reader from the physics of oscillations through neuronal assembly organization to complex cognitive processing and memory storage. His clear, fluid writing—accessible to any reader with some scientific knowledge—is supplemented by extensive footnotes and references that make it just as gratifying and instructive a read for the specialist. The coherent view of a single author who has been at the forefront of research in this exciting field, this volume is essential reading for anyone interested in our rapidly evolving understanding of the brain.

Accompanying the solo exhibition of Barabasi Lab at the Ludwig Museum Budapest and the ZKM in Karlsruhe, this book will be more than exhibition catalogue: it comes with a range of voices and viewpoints that give readers a sweeping view of the work Barabasi has done over the last twenty years and how it connects to art, science, and our general outlook on the world today. The Center for Complex Network Research (CCNR) at Northeastern University

was founded 20 years ago and the lab is dedicated to a deeper thinking about networks-how they emerge and evolve, what they look like, and how they impact our understanding of complex systems. The backbone of this book are the extraordinary visualisations, in 2-D and 3-D, that Barabasi's lab has evolved, and which are unique not only to his practice but to the world of network theory and science at large. A series of essays and statements by scientists and artists alike will be followed by a long, beautiful array of breathtaking plates. Given the current state of the world, the book will also explain how Barabasi's work relates to Covid-19 and how understanding networks helps us predict and understand the spread of diseases.

Big data, genomics, and quantitative approaches to network-based analysis are combining to advance the frontiers of medicine as never before. With contributions from leading experts, Network Medicine introduces this rapidly evolving field of research, which promises to revolutionize the diagnosis and treatment of human diseases.

Money

A Working Theory of Love

A Novel of Ann Lowe, Fashion Designer to the Social Register

Maybe Someday

The Information

A Book About Love

A revolutionary new theory showing how we can predict human behavior—from a radical genius and bestselling author Can we scientifically predict our future? Scientists and pseudo scientists have been pursuing this mystery for hundreds and perhaps thousands of years. But now, astonishing new research is revealing patterns in human behavior previously thought to be purely random. Precise, orderly, predictable patterns...

Albert Laszlo Barabasi, already the world's preeminent researcher on the science of networks, describes his work on this profound mystery in *Bursts*, a stunningly original investigation into human nature. His approach relies on the digital reality of our world, from mobile phones to the Internet and email, because it has turned society into a huge research laboratory. All those electronic trails of time stamped texts, voicemails, and internet searches add up to a previously unavailable massive data set of statistics that track our movements, our decisions, our lives. Analysis of these trails is offering deep insights into the rhythm of how we do everything. His finding? We work and fight and play in short flourishes of activity followed by next to nothing. The pattern isn't random, it's "bursty." Randomness does not rule our lives in the way scientists have assumed up until now. Illustrating this revolutionary science, Barabasi artfully weaves together the story of a 16th century burst of human activity—a bloody medieval crusade launched in his homeland, Transylvania—with the modern tale of a contemporary artist hunted by the FBI through our post 9/11 surveillance society. These narratives illustrate how predicting human behavior has long been the obsession, sometimes the duty, of those in power. Barabasi's astonishingly wide range of examples from seemingly unrelated areas include how dollar bills move around the

U.S., the pattern everyone follows in writing email, the spread of epidemics, and even the flight patterns of albatross. In all these phenomena a virtually identical, mathematically described bursty pattern emerges. *Bursts* reveals what this amazing new research is showing us about where individual spontaneity ends and predictability in human behavior begins. The way you think about your own potential to do something truly extraordinary will never be the same. The award-winning author of the best-selling *Linked* outlines a theory about how to predict behavior, drawing on seven years of research while demonstrating the mathematical properties of seemingly random events, from the spread of epidemics to the history of wars.

"Jonah Lehrer has a lot to offer the world...The book is interesting on nearly every page...Good writers make writing look easy, but what people like Lehrer do is not easy at all." —David Brooks, *The New York Times* Book Review Science writer Jonah Lehrer explores the mysterious subject of love. Weaving together scientific studies from clinical psychologists, longitudinal studies of health and happiness, historical accounts and literary depictions, child-rearing manuals, and the language of online dating sites, Jonah Lehrer's *A Book About Love* plumbs the most mysterious, most formative, most important impulse governing our lives. Love confuses and compels us—and it can

destroy and define us. It has inspired our greatest poetry, defined our societies and our beliefs, and governs our biology. From the way infants attach to their parents, to the way we fall in love with another person, to the way some find a love for God or their pets, to the way we remember and mourn love after it ends, this book focuses on research that attempts, even in glancing ways, to deal with the long-term and the everyday. The most dangerous myth of love is that it's easy, that we fall into the feeling and then the feeling takes care of itself. While we can easily measure the dopamine that causes the initial feelings of "falling" in love, the partnerships and devotions that last decades or longer remain a mystery. This book is about that mystery. Love, Lehrer argues, is not built solely on overwhelming passion, but, fascinatingly, on a set of skills to be cultivated over a lifetime.

Illustrated throughout in full colour, this pioneering text is the only book you need for an introduction to network science.

Temporal Patterns of Communication in Social Networks

The True Story of a Made-Up Thing

Network Science

The Scarlet Letter

This Time Is Different

Known Shippable, Will Not Fix

Publishers Lunch Buzz Books 2019 selection. Bursts of Fire begins an epic political fantasy of revenge, addictions, and redemption for three magiel sisters. In an empire where

magic has become suspect, love and loyalty-for one's lover, one's family, one's country-are tested.

When she discovers that her boyfriend is cheating on her, Sydney, a 22-year-old college student, must decide what to do next, especially when she becomes captivated by her mysterious neighbor Ridge. Original.

Amoral, cunning, ruthless, and instructive, this multi-million-copy New York Times bestseller is the definitive manual for anyone interested in gaining, observing, or defending against ultimate control – from the author of *The Laws of Human Nature*. In the book that *People* magazine proclaimed “beguiling” and “fascinating,” Robert Greene and Joost Elffers have distilled three thousand years of the history of power into 48 essential laws by drawing from the philosophies of Machiavelli, Sun Tzu, and Carl Von Clausewitz and also from the lives of figures ranging from Henry Kissinger to P.T. Barnum. Some laws teach the need for prudence (“Law 1: Never Outshine the Master”), others teach the value of confidence (“Law 28: Enter Action with Boldness”), and many recommend absolute self-preservation (“Law 15: Crush Your Enemy Totally”). Every law, though, has one thing in common: an interest in total domination. In a bold and arresting two-color package, *The 48 Laws of Power* is ideal whether your aim is conquest, self-defense, or simply to understand the rules of the game.

NATIONAL BESTSELLER • The astonishing and hugely entertaining story that completely changed the way we run. An epic adventure that began with one simple question: Why does my foot hurt? “Equal parts quest, physiology treatise, and running history.... The climactic race reads like a sprint.... It simply makes you want to run.” —*Outside Magazine*
Isolated by Mexico's deadly Copper Canyons, the blissful Tarahumara Indians have honed the ability to run hundreds of miles without rest or injury. In a riveting narrative, award-

winning journalist and often-injured runner Christopher McDougall sets out to discover their secrets. In the process, he takes his readers from science labs at Harvard to the sun-baked valleys and freezing peaks across North America, where ever-growing numbers of ultra-runners are pushing their bodies to the limit, and, finally, to a climactic race in the Copper Canyons that pits America's best ultra-runners against the tribe. McDougall's incredible story will not only engage your mind but inspire your body when you realize that you, indeed all of us, were born to run. Look for Born to Run 2, coming in December!

How Everything Is Connected to Everything Else and What It Means for Business, Science, and Everyday Life

The Elegant Universe

White Noise

Born to Run

Rhythms of the Brain

The New Science Of Networks Science Of Networks

'This is not just an important but an imperative project . . . Barab á si is the person' Nassim

Nicholas Taleb, bestselling author of The Black

Swan The ground-breaking international bestseller

that reveals the indisputable scientific laws that can turn your achievements into success and how

to use them to your own advantage. In The

Formula, Albert-L á szl ó Barab á si, one of the world's leading experts on the science of networks,

reveals the unspoken rules behind who truly gets ahead and why, and outlines the five laws that

govern this phenomenon and how we can use them to our own advantage. Drawing on Big Data

research that covers everyone from the ace fighter

pilot The Red Baron to graffiti artist Jean-Michel Basquiat; Miles Davis and his recording of 'Kind of Blue' to Marcel Duchamps and Tiger Woods, Barabasi, shows why success can come at any time, as long as we are persistent, why in successful teams one person gets the lion share of the credit and why the last interviewee almost always gets the job. Unveiling the scientific principles that drive success, and how to leverage them, Barabasi offers a new understanding of the very foundation of how people excel in today's society, and how to harness these principles for yourself.

The bestselling author of *Linked* returns with a ground breaking new theory that will enthrall fans of *The Tipping Point* Can we scientifically predict our future? It's a mystery that has nagged scientists for perhaps thousand of years. Now Albert-L á szl ó Barab á si-the award-winning author of the sleeper hit *Linked*- explains how the digital age has yielded a massive, previously unavailable data set that proves the daily pattern of human activity isn't random, it's "bursty." We work and fight and play in short flourishes of activity followed by next to nothing. Compellingly illustrated with the account of a bloody medieval crusade in sixteenth-century Transylvania and the modern tale of a contemporary artist hunted by the FBI, *Bursts* reveals that we are far more predictable than we like to think.

A cocktail party. A terrorist cell. Ancient bacteria.

An international conglomerate. All are networks, and all are a part of a surprising scientific revolution. In *Linked*, Albert-László Barabási, the nation's foremost expert in the new science of networks, takes us on an intellectual adventure to prove that social networks, corporations, and living organisms are more similar than previously thought. Barabási shows that grasping a full understanding of network science will someday allow us to design blue-chip businesses, stop the outbreak of deadly diseases, and influence the exchange of ideas and information. Just as James Gleick and the Erdos – Rényi model brought the discovery of chaos theory to the general public, *Linked* tells the story of the true science of the future and of experiments in statistical mechanics on the internet, all vital parts of what would eventually be called the Barabási – Albert model. Examines financial crises of the past and discusses similarities between these events and the current crisis, presenting and comparing historical patterns in bank failures, inflation, debt, currency, housing, employment, and government spending.

A Hidden Tribe, Superathletes, and the Greatest Race the World Has Never Seen

Linked

How the Irish Saved Civilization

Bursts

Hidden Patterns: Visualizing Networks at Barabasi Lab

The Science of Science

This book brings together two of the most exciting and widely studied subjects in modern physics: namely fractals and surfaces. To the community interested in the study of surfaces and interfaces, it brings the concept of fractals. To the community interested in the exciting field of fractals and their application, it demonstrates how these concepts may be used in the study of surfaces. The authors cover, in simple terms, the various methods and theories developed over the past ten years to study surface growth. They describe how one can use fractal concepts successfully to describe and predict the morphology resulting from various growth processes. Consequently, this book will appeal to physicists working in condensed matter physics and statistical mechanics, with an interest in fractals and their application. The first chapter of this important new text is available on the Cambridge Worldwide Web server: <http://www.cup.cam.ac.uk/onlinepubs/Textbooks/textbookstop.html>

From the bestselling author of the acclaimed *Chaos and Genius* comes a thoughtful and provocative exploration of the big ideas of the modern era: Information, communication, and information theory. Acclaimed science writer James Gleick presents an eye-opening vision of how our relationship to information has transformed the very nature of human consciousness. A fascinating intellectual journey through the history of communication and information, from the language of Africa's talking drums to the invention of written alphabets; from the electronic transmission of code to the origins of information theory, into the new information age and the current deluge of news, tweets, images, and blogs. Along the way, Gleick profiles key innovators, including Charles Babbage, Ada Lovelace, Samuel Morse, and Claude Shannon, and reveals how our understanding of information is transforming not only how

we look at the world, but how we live. A New York Times Notable Book A Los Angeles Times and Cleveland Plain Dealer Best Book of the Year Winner of the PEN/E. O. Wilson Literary Science Writing Award

From the Internet to networks of friendship, disease transmission, and even terrorism, the concept--and the reality--of networks has come to pervade modern society. But what exactly is a network? What different types of networks are there? Why are they interesting, and what can they tell us? In recent years, scientists from a range of fields--including mathematics, physics, computer science, sociology, and biology--have been pursuing these questions and building a new "science of networks." This book brings together for the first time a set of seminal articles representing research from across these disciplines. It is an ideal sourcebook for the key research in this fast-growing field. The book is organized into four sections, each preceded by an editors' introduction summarizing its contents and general theme. The first section sets the stage by discussing some of the historical antecedents of contemporary research in the area. From there the book moves to the empirical side of the science of networks before turning to the foundational modeling ideas that have been the focus of much subsequent activity. The book closes by taking the reader to the cutting edge of network science--the relationship between network structure and system dynamics. From network robustness to the spread of disease, this section offers a potpourri of topics on this rapidly expanding frontier of the new science.

In the 1980's, James Gleick's *Chaos* introduced the world to complexity. Now, Albert-L á szl ó Barab á si's *Linked* reveals the next major scientific leap: the study of networks. We've long suspected that we live in a small world, where everything is

connected to everything else. Indeed, networks are pervasive--from the human brain to the Internet to the economy to our group of friends. These linkages, it turns out, aren't random. All networks, to the great surprise of scientists, have an underlying order and follow simple laws. Understanding the structure and behavior of these networks will help us do some amazing things, from designing the optimal organization of a firm to stopping a disease outbreak before it spreads catastrophically. In *Linked*, Barabási, a physicist whose work has revolutionized the study of networks, traces the development of this rapidly unfolding science and introduces us to the scientists carrying out this pioneering work. These "new cartographers" are mapping networks in a wide range of scientific disciplines, proving that social networks, corporations, and cells are more similar than they are different, and providing important new insights into the interconnected world around us. This knowledge, says Barabási, can shed light on the robustness of the Internet, the spread of fads and viruses, even the future of democracy. Engaging and authoritative, *Linked* provides an exciting preview of the next century in science, guaranteed to be transformed by these amazing discoveries. From *Linked*: This book has a simple message: think networks. It is about how networks emerge, what they look like, and how they evolve. It aims to develop a web-based view of nature, society, and technology, providing a unified framework to better understand issues ranging from the vulnerability of the Internet to the spread of diseases. Networks are present everywhere. All we need is an eye for them... We will see the challenges doctors face when they attempt to cure a disease by focusing on a single molecule or gene, disregarding the complex interconnected nature of the living matter. We will see that hackers are not alone in attacking

networks: we all play Goliath, firing shots at a fragile ecological network that, without further support, could soon replicate our worst nightmares by turning us into an isolated group of species...Linked is meant to be an eye-opening trip that challenges you to walk across disciplines by stepping out of the box of reductionism. It is an invitation to explore link by link the next scientific revolution: the new science of networks.

Fractal Concepts in Surface Growth

The Hidden Patterns Behind Everything We Do, from Your E-mail to Bloody Crusades

The Formula

Atlas Shrugged

Life of Pi

By Her Own Design

The main interest of this research has been in understanding and characterizing large networks of human interactions as continuously changing objects. In fact, although many real social networks are dynamic networks whose elements and properties continuously change over time, traditional approaches to social network analysis are essentially static, thus neglecting all temporal aspects. Specifically, we have investigated the role that temporal patterns of human interaction play in three main fields of social network analysis and data mining: characterization of time (or attention) allocation in social networks, prediction of link decay/persistence, and information spreading. In order to address this we analyzed large anonymized data sets of phone call communication traces over long periods of time. Access to these observations was granted by Telefonica Research, Spain. The findings that emerge from our research

indicate that the observed heterogeneities and correlations of human temporal patterns of interaction significantly affect the traditional view of social networks, shifting from a very steady to a highly complex entity. Since structure and dynamics are tightly coupled, they cannot be disentangled in the analysis and modeling of human behavior, though traditional models seek to do so. Our results impact not only the way in which social network are traditionally characterized, but more importantly also the understanding and modeling phenomena such as group formation, spread of epidemics, and the dissemination of ideas, opinions and information.

The perfect St. Patrick's Day gift, and a book in the best tradition of popular history -- the untold story of Ireland's role in maintaining Western culture while the Dark Ages settled on Europe. Every year millions of Americans celebrate St. Patrick's Day, but they may not be aware of how great an influence St. Patrick was on the subsequent history of civilization. Not only did he bring Christianity to Ireland, he instilled a sense of literacy and learning that would create the conditions that allowed Ireland to become "the isle of saints and scholars" -- and thus preserve Western culture while Europe was being overrun by barbarians. In this entertaining and compelling narrative, Thomas Cahill tells the story of how Europe evolved from the classical age of Rome to the medieval era. Without Ireland, the transition could not have taken place. Not only did Irish monks and scribes maintain the very record of Western civilization -- copying manuscripts of Greek and Latin writers, both pagan

and Christian, while libraries and learning on the continent were forever lost -- they brought their uniquely Irish world-view to the task. As Cahill delightfully illustrates, so much of the liveliness we associate with medieval culture has its roots in Ireland. When the seeds of culture were replanted on the European continent, it was from Ireland that they were germinated. In the tradition of Barbara Tuchman's *A Distant Mirror, How The Irish Saved Civilization* reconstructs an era that few know about but which is central to understanding our past and our cultural heritage. But it conveys its knowledge with a winking wit that aptly captures the sensibility of the unsung Irish who relaunched civilization.

BONUS MATERIAL: This ebook edition includes an excerpt from Thomas Cahill's *Heretics and Heroes*.

The co-host of the popular NPR podcast *Planet Money* provides a well-researched, entertaining, somewhat irreverent look at how money is a made-up thing that has evolved over time to suit humanity's changing needs. *Money* only works because we all agree to believe in it. In *Money*, Jacob Goldstein shows how money is a useful fiction that has shaped societies for thousands of years, from the rise of coins in ancient Greece to the first stock market in Amsterdam to the emergence of shadow banking in the 21st century. At the heart of the story are the fringe thinkers and world leaders who reimagined money. Kublai Khan, the Mongol emperor, created paper money backed by nothing, centuries before it appeared in the west. John Law, a professional gambler and convicted murderer, brought modern money to France (and destroyed the country's economy). The cypherpunks, a

group of radical libertarian computer programmers, paved the way for bitcoin. One thing they all realized: what counts as money (and what doesn't) is the result of choices we make, and those choices have a profound effect on who gets more stuff and who gets less, who gets to take risks when times are good, and who gets screwed when things go bad. Lively, accessible, and full of interesting details (like the 43-pound copper coins that 17th-century Swedes carried strapped to their backs), *Money* is the story of the choices that gave us money as we know it today.

A science fiction adventure exploring the tireless work of a minimum wage QA grunt trying to survive in sunny California.

Eight Centuries of Financial Folly

NeuroLogic

The Science Behind Why People Succeed Or Fail

A Novel About the History of Philosophy

The Structure and Dynamics of Networks

Bursts of Fire

The groundbreaking book that reveals the indisputable scientific laws that turn achievements into success and shows how you can use them to your own advantage. In *The Formula*, Barabasi, one of the world's leading experts on the science of networks, reveals the unspoken rules behind who gets ahead and why, and outline the five laws that govern this phenomenon and how we can use them to succeed. Drawing on Big Data research that covers everyone from the ace fighter pilot The Red Baron to graffiti artist Jean-Michel Basquiat; Miles Davis and his recording of 'Kind of Blue' to Marcel Duchamp and Tiger Woods, Barabasi shows why success can come at any time, as long as we are persistent, why in successful teams one person gets the lion's share of

the credit and why the last interviewee almost always gets the job, Unveiling the scientific principles that drive success, and how to leverage them, Barabasi offers a new understanding of the very foundation of how people excel in today's society, and how to harness these principles for yourself.

Peopled by larger-than-life heroes and villains, charged with towering questions of good and evil, Atlas Shrugged is Ayn Rand ' s magnum opus: a philosophical revolution told in the form of an action thriller—nominated as one of America ' s best-loved novels by PBS ' s The Great American Read. Who is John Galt? When he says that he will stop the motor of the world, is he a destroyer or a liberator? Why does he have to fight his battles not against his enemies but against those who need him most? Why does he fight his hardest battle against the woman he loves? You will know the answer to these questions when you discover the reason behind the baffling events that play havoc with the lives of the amazing men and women in this book. You will discover why a productive genius becomes a worthless playboy...why a great steel industrialist is working for his own destruction...why a composer gives up his career on the night of his triumph...why a beautiful woman who runs a transcontinental railroad falls in love with the man she has sworn to kill. Atlas Shrugged, a modern classic and Rand ' s most extensive statement of Objectivism—her groundbreaking philosophy—offers the reader the spectacle of human greatness, depicted with all the poetry and power of one of the twentieth century ' s leading artists.

Pi Patel, having spent an idyllic childhood in Pondicherry, India, as the son of a zookeeper, sets off with his family at the age of sixteen to start anew in Canada, but his life takes a marvelous turn when their ship sinks in the Pacific, leaving him adrift on a raft with a 450-pound Bengal tiger for company.

A notable contribution to our understanding of ourselves. This book explores the realm of human behavior in social situations and the way that we appear to others. Dr. Goffman uses the metaphor of theatrical performance as a framework. Each person in everyday social

intercourse presents himself and his activity to others, attempts to guide and control the impressions they form of him, and employs certain techniques in order to sustain his performance, just as an actor presents a character to an audience. The discussions of these social techniques offered here are based upon detailed research and observation of social customs in many regions.

A Novel

Network Medicine

The Hidden Pattern Behind Everything We Do

The 48 Laws of Power

A History, a Theory, a Flood

The Waves

This book provides a comprehensive overview on emergent bursty patterns in the dynamics of human behaviour. It presents common and alternative understanding of the investigated phenomena, and points out open questions worthy of further investigations. The book is structured as follows. In the introduction the authors discuss the motivation of the field, describe bursty phenomena in case of human behaviour, and relate it to other disciplines. The second chapter addresses the measures commonly used to characterise heterogeneous signals, bursty human dynamics, temporal paths, and correlated behaviour. These definitions are first introduced to set the basis for the discussion of the third chapter about the observations of bursty human patterns in the dynamics of individuals, dyadic interactions, and collective behaviour. The subsequent fourth chapter discusses the models of bursty human dynamics. Various mechanisms have been proposed about the source of the heterogeneities in human dynamics, which leads to the introduction of conceptually different modelling approaches. The authors address all of these perspectives objectively, highlight their strengths and shortcomings, and mention possible

extensions to them. The fifth chapter addresses the effect of individual heterogeneous behaviour on collective dynamics. This question in particular has been investigated in various systems including spreading phenomena, random walks, and opinion formation dynamics. Here the main issues are whether burstiness speeds up or slows down the co-evolving processes, and how burstiness modifies time-dependent paths in the system that determine the spreading patterns of any kind of information or influence. Finally in the sixth chapter the authors end the review with a discussion and future perspectives. It is an ideal book for researchers and students who wish to enter the field of bursty human dynamics or want to expand their knowledge on such phenomena.

The instant New York Times Bestseller #1 Wall Street Journal Business Bestseller Instant Washington Post Bestseller "Brimms with a surprising amount of insight and practical advice." --The Wall Street Journal Daniel H. Pink, the #1 bestselling author of *Drive* and *To Sell Is Human*, unlocks the scientific secrets to good timing to help you flourish at work, at school, and at home. Everyone knows that timing is everything. But we don't know much about timing itself. Our lives are a never-ending stream of "when" decisions: when to start a business, schedule a class, get serious about a person. Yet we make those decisions based on intuition and guesswork. Timing, it's often assumed, is an art. In *When: The Scientific Secrets of Perfect Timing*, Pink shows that timing is really a science. Drawing on a rich trove of research from psychology, biology, and economics, Pink reveals how best to live, work, and succeed. How can we use the hidden patterns of the day to build the ideal schedule? Why do certain breaks dramatically improve student test scores? How can we turn a stumbling beginning into a fresh start? Why should we avoid

going to the hospital in the afternoon? Why is singing in time with other people as good for you as exercise? And what is the ideal time to quit a job, switch careers, or get married? In *When*, Pink distills cutting-edge research and data on timing and synthesizes them into a fascinating, readable narrative packed with irresistible stories and practical takeaways that give readers compelling insights into how we can live richer, more engaged lives.

While working on what he hopes will be the world's first sentient computer, Neill Bassett tries to deal with unresolved feelings for his ex-wife as well as an intended one-night stand who is turning into much more. 75,000 first printing.

A groundbreaking investigation of the brain 's hidden logic behind our strangest behaviors, and of how conscious and unconscious systems interact in order to create our experience and preserve our sense of self. From bizarre dreams and hallucinations to schizophrenia and multiple personalities, the human brain is responsible for a diverse spectrum of strange thoughts and behaviors. When observed from the outside, these phenomena are often written off as being just "crazy," but what if they were actually planned and logical? *NeuroLogic* explores the brain 's internal system of reasoning, from its unconscious depths to conscious decision making, and illuminates how it explains our most outlandish as well as our most stereotyped behaviors. From sleepwalking murderers, contagious yawning, and the brains of sports fans to false memories, subliminal messages, and the secret of ticklishness, Dr. Eliezer Sternberg shows that there are patterns to the way the brain interprets the world—patterns that fit the brain 's unique logic. Unraveling these patterns and the various ways they can be disturbed will not only alter our view of mental illness and

supernatural experience, but will also shed light on the hidden parts of ourselves. (With black-and-white illustrations throughout.)

A Romance

When: The Scientific Secrets of Perfect Timing

Sophie's World

The Presentation of Self in Everyday Life

The Universal Laws of Success

The Five Laws Behind Why People Succeed

This is the first comprehensive overview of the exciting field of the 'science of science'. With anecdotes and detailed, easy-to-follow explanations of the research, this book is accessible to all scientists, policy makers, and administrators with an interest in the wider scientific enterprise.

"This is not just an important but an imperative project: to approach the problem of randomness and success using the state of the art scientific arsenal we have. Barabasi is the person." --Nassim Nicholas Taleb, author of the New York Times bestselling *The Black Swan* and Distinguished Professor of Risk Engineering at NYU An international bestseller In the bestselling tradition of Malcom Gladwell, James Gleick, and Nate Silver, prominent professor L á szl ó Barab á si gives us a trailblazing book that promises to transform the very foundations of how our success-obsessed society approaches their professional careers, life pursuits and long-term goals. Too often, accomplishment does not equal success. We did the work but didn't get the promotion; we played hard but weren't recognized; we had the idea but didn't get the credit. We convince ourselves that talent combined with a strong work ethic is the key to getting ahead, but also realize that combination often fails to yield results, without any deeper understanding as to why. Recognizing this striking

disconnect, the author, along with a team of renowned researchers and some of the most advanced data-crunching systems on the planet, dedicated themselves to one goal: uncovering that ever-elusive link between performance and success. Now, based on years of academic research, *The Formula* finally unveils the groundbreaking discoveries of their pioneering study, not only highlighting the scientific and mathematic principles that underpin success, but also revolutionizing our understanding of: Why performance is necessary but not adequate Why "Experts" are often wrong How to assemble a creative team primed for success How to most effectively engage our networks And much more.

One day Sophie comes home from school to find two questions in her mail: "Who are you?" and "Where does the world come from?" Before she knows it she is enrolled in a correspondence course with a mysterious philosopher. Thus begins Jostein Gaarder's unique novel, which is not only a mystery, but also a complete and entertaining history of philosophy.

The incredible untold story of how Ann Lowe, a Black woman and granddaughter of slaves, rose above personal struggles and racial prejudice to design and create one of America's most famous wedding dresses of all time for Jackie Kennedy. 1953, New York City Less than a week before the society wedding of the year where Jacqueline Bouvier will marry John F. Kennedy, a pipe bursts at Ann Lowe 's dress shop and ruins eleven dresses, including the expensive wedding dress, a dress that will be judged by thousands. A Black designer who has fought every step of the way, Ann knows this is only one struggle after a lifetime of them. She and her seamstresses will find the way to re-create the dresses. It may take all day and all night for the next week to accomplish the task, but they will do it. 1918, Tampa Raised in Jim Crow

Alabama, Ann learned the art of sewing from her mother and her grandmother, a former slave, who are the most talented seamstresses in the state. After Ann elopes at twelve with an older man who soon proves himself to be an abusive alcoholic, her dreams of becoming a celebrated designer seem to be put on hold. But then a wealthy Tampa socialite sees Ann ' s talent and offers her an amazing opportunity—the chance to sew and design clothing for Florida ' s society elite. Taking her young son in the middle of the night, Ann escapes her husband and embarks on the adventure of a lifetime. Based on the true story of one of the most famous designers of the twenties through the sixties who has since been unjustly forgotten, *By Her Own Design* is an unforgettable novel of determination despite countless obstacles and a triumph celebrated by the world.

The Brain's Hidden Rationale Behind Our Irrational Behavior
Superstrings, Hidden Dimensions, and the Quest for the
Ultimate Theory

Bursty Human Dynamics

One of Woolf's most experimental novels, *The Waves* presents six characters in monologue - from morning until night, from childhood into old age - against a background of the sea. The result is a glorious chorus of voices that exists not to remark on the passing of events but to celebrate the connection between its various individual parts.

Introduces the superstring theory that attempts to unite general relativity and quantum mechanics