

## Making Sense Of Squiggly Lines

An illustrated tour of the structures and patterns we call “math” The only numbers in this book are the page numbers. Math Without Numbers is a vivid, conversational, and wholly original guide to the three main branches of abstract math—topology, analysis, and algebra—which turn out to be surprisingly easy to grasp. This book upends the conventional approach to math, inviting you to think creatively about shape and dimension, the infinite and infinitesimal, symmetries, proofs, and how these concepts all fit together. What awaits readers is a free-wheeling tour of the inimitable joys and unsolved mysteries of this curiously powerful subject. Like the classic math allegory Flatland, first published over a century ago, or Douglas Hofstadter’s Godel, Escher, Bach forty years ago, there has never been a math book quite like Math Without Numbers. So many popularizations of math have dwelt on numbers like pi or zero or infinity. This book goes well beyond to questions such as: How many shapes are there? Is anything bigger than infinity? And is math even true? Milo Beckman shows why math is mostly just pattern recognition and how it keeps on surprising us with unexpected, useful connections to the real world. The ambitions of this book take a special kind of author. An inventive, original thinker pursuing his calling with jubilant passion. A prodigy, Milo Beckman completed the graduate-level course sequence in mathematics at age sixteen, when he was a sophomore at Harvard, while writing this book, he was studying the philosophical foundations of physics at Columbia under Brian Greene, among others. Winner of the 2016 Yale Series of Younger Poets prize A fresh and rebellious poetic voice, Airea D. Matthews debuts in the acclaimed series that showcases the work of exciting and innovative young American poets. Matthews’s superb collection explores the topic of want and desire with power, insight, and intense emotion. Her poems cross historical boundaries and speak emphatically from a racialized America, where the trajectories of joy and exploitation, striving and thwarting, violence and celebration are constrained by differentials of privilege and contemporary modes of communication. In his foreword, series judge Carl Phillips calls this book “rollicking, destabilizing, at once intellectually sly and piercing and finally poignant.” This is poetry that breaks new literary ground, inspiring readers to think differently about what poems can and should do in a new media society where imaginations are laid bare and there is no thought too provocative to send out into the world.

A fiercely authentic, critically acclaimed and award-winning modern classic. ‘Speak up for yourself - we want to know what you have to say’. From my first day at Merryweather High, I know this is a lie. Nobody will even talk to me, let alone listen - all because I called the cops on an end-of-summer party. But if I could only tell everyone why I called the police that night... If I could explain what happened to me... If I could speak...

Then everything might change. With the rise of women finding their voices and speaking out about sexual assault in the media, this should be on everyone’s radar... Powerful, necessary, and essential.’ - Kirkus For professional teams in all forms of motorsport, data logging has become an essential tool in the search to maximize performance from engine, chassis and driver. Data logging equipment is now accessible to amateur drivers and constructors, and is a very cost-effective way of improving performance. Fully updated to include recent developments, this is a readable, well-illustrated guide to all aspects of data logging, explaining how to design and install a system, and how to interpret the data obtained and use it to analyze performance. The book will also appeal to armchair enthusiasts.

Import, Tidy, Transform, Visualize, and Model Data

Out of My Mind

Using Racecar Data Acquisition

Inside Racing Technology

Thank You, Mr. Falke

Scenes of Everyday Life

*Demystifying the Interpretation of EEGs in a clear, concise, and stepwise pocket guide with examples for many common clinical scenarios.*

*A boy on a quest against the power of the storm Eleven-year-old Danny's parents are storm chasers - which sounds fun and exciting, and it is, so long as you aren't the son who has to wait behind at home. And one night, after a particularly fierce storm, Danny's parents don't come back. Stranger still, the old sycamore tree in Danny's yard seems to have been struck by lightning, and when he picks up a fragment of wood from the tree's heart, he finds he can hear voices ... including that of next door's rather uppity cat, Mitzy. The stick is a taro, a shard of lightning that bestows upon its bearer unnerving powers, including the ability to talk with plants and animals - and it is very valuable. So valuable, in fact, that it attracts the attention of a Sammael, an ancient figure of darkness and a buyer of souls. And he will do anything to get his hands on it ... And so begins a dangerous and daring quest. Danny, who is bewildered, alone and unaccustomed to acts of bravery, must confront his fears, find his parents and unravel the secrets of The Book of Storms.*

*One of The New York Times Book Review's "10 Best Books of 2021" Shortlisted for the 2021 International Booker Prize A fictional examination of the lives of real-life scientists and thinkers whose discoveries resulted in moral consequences beyond their imagining. When We Cease to Understand the World is a book about the complicated links between scientific and mathematical discovery, madness, and destruction.*

*Fritz Haber, Alexander Grothendieck, Werner Heisenberg, Erwin Schrödinger—these are some of luminaries into whose troubled lives Benjamin Labatut thrusts the reader, showing us how they grappled with the most profound questions of existence. They have strokes of unparalleled genius, alienate friends and lovers, descend into isolation and insanity. Some of their discoveries reshape human life for the better; others pave the way to chaos and unimaginable suffering. The lines are never clear. At a breakneck pace and with a wealth of disturbing detail, Labatut uses the imaginative resources of fiction to tell the stories of the scientists and mathematicians who expanded our notions of the possible.*

*At first, Trisha loves school, but her difficulty learning to read makes her feel dumb, until, in the fifth grade, a new teacher helps her understand and overcome her problem.*

1 Flat Book!

Optical Measurements for Scientists and Engineers

When We Cease to Understand the World

Simulacra

Exploring the Marvelous Materials That Shape Our Man-Made World

How to Read an EEG

Tyler has autism and sensory processing disorder, and though sometimes he has trouble staying still, ignoring noises, and concentrating, he is learning how to cope with his disorder in different ways.

From New York Times bestselling author Larry Gonick and Davidson College biology professor David Wessner comes this comprehensive and humorous cartoon guide to topics in biology. Did you faint when your middle school science teacher asked you to dissect a frog? Do you think DNA stands for “Don’t Know the Answer”? Do you still cling to Osbourne’s last tour? If you said yes to any of these questions—or even if you don’t—then you need The Cartoon Guide to Biology. The latest from New York Times bestselling author Larry Gonick—writing with Davidson College biology professor David Wessner—is a hilarious and informative handbook to the science of life. From the inner workings of the Krebs and Calvin cycles, to sexual and asexual reproduction, The Cartoon Guide to Biology uses simple, clear, humorous illustrations to make biology’s most complex concepts understandable and entertaining. Whether you’re peering into the microscope for the first time or brushing up after decades of de-evolution, this book has you covered.

A Practical Guide to Race Car Data Analysis was written for the amateur and lower-level professional racers who either have a data system in their cars or who may be thinking about installing one but who do not have access to an experienced data engineer. Using real track data, numerous real-world examples, and more than 200 illustrations they need to select, configure and use their data systems efficiently and effectively.

An exquisitely told tragic tale of thwarted love. My Policeman is soon to be adapted into film by Amazon Prime starring Harry Styles and Emma Corrin. It is in 1950s' Brighton that Marion first catches sight of Tom. He teaches her to swim in the shadow of the pier and Marion is smitten - determined her love will be enough for them both.

Tom, Patrick is besotted with Tom and opens his eyes to a glamorous, sophisticated new world. Tom is their policeman, and in this age it is safer for him to marry Marion. The two lovers must share him, until one of them breaks and three lives are destroyed. 'I loved it. Devoured it! A wonderful read. Tense, romantic, smart; a beautiful port

history, with people trapped by laws and mores' Russell T. Davies (on Instagram)

Dutch Genre Paintings from the Mauritshuis

Data Power

Engaging Children with Print

A Wish for Whispser

Bad Economics and the Rise of Inequality

The Book of Storms

*'A writer of virtuostic talents who can seemingly do anything' New York Times 'Wallace is a superb comedian of culture . . . his exuberance and intellectual impishness are a delight' James Wood, Guardian 'He induces the kind of laughter which, when read in bed with a sleeping partner, wakes said sleeping partner up . . . He's damn good' Nicholas Lezard, Guardian 'One of the best books about addiction and recovery to appear in recent memory' Sunday Times Somewhere in the not-so-distant future the residents of Ennet House, a Boston halfway house for recovering addicts, and students at the nearby Enfield Tennis Academy are ensnared in the search for the master copy of Infinite Jest, a movie said to be so dangerously entertaining its viewers become entranced and expire in a state of catatonic bliss . . .*

*An accessible, introductory text explaining how to select, set up and use optical spectroscopy and optical microscopy techniques.*

*With half a million copies in print, How to Read a Book is the best and most successful guide to reading comprehension for the general reader, completely rewritten and updated with new material. A CNN Book of the Week: “Explains not just why we should read books, but how we should read them. It's masterfully done.” -Farheed Zakaria Originally published in 1940, this book is a rare phenomenon, a living classic that introduces and elucidates the various levels of reading and how to achieve them—from elementary reading, through systematic skimming and inspectional reading, to speed reading. Readers will learn when and how to “judge a book by its cover,” and also how to X-ray it, read critically, and extract the author’s message from the text. Also included is instruction in the different techniques that work best for reading particular genres, such as practical books, imaginative literature, plays, poetry, history, science and mathematics, philosophy and social science works. Finally, the authors offer a recommended reading list and supply reading tests you can use*

*measure your own progress in reading skills, comprehension, and speed.*

*Hilarious stories about life's mishaps from the creator of the immensely popular blog 'Hyperbole and a Half'. Fully illustrated with over 50% new material. Hyperbole and A Half is a blog and webcomic written by a 20-something American girl called Allie Brosh. She tells fantastically funny, wise stories about the mishaps of her everyday life, with titles like 'Why Dogs Don't Understand Basic Concepts Like Moving' and 'The God of Cake'.. Brosh's website receives millions of visitors a month and hundreds of thousands per day. Now her full-colour debut book chronicles the many 'learning experiences' Brosh has endured as a result of her own character flaws. It includes stories about her rambunctious childhood; the highs and mostly lows of owning a mentally challenged dog; and a moving and darkly comic account of her struggles with depression. 'Quirky and captivating' Observer 'It's impossible not to warm to cartoonist and blogger Allie. If she doesn't get to you with her funny childhood anecdotes (eating an entire birthday cake) then her honest reflections on depression will'*

Grace!

Grace Notes

Data Analysis and Prediction Algorithms with R

Making Sense of Squiggly Lines

Building Early Literacy Skills through Quality Read-Alouds

How to Read a Book

Soon to be a film starring Harry Styles and Emma Corrin

*In the thirty years since his death, Keith Haring—a central presence on the New York downtown scene of the 1980s—has remained one of the most popular figures in contemporary American art. In one of the first book-length treatments of Haring’s artistry, Ricardo Montez traces the drawn and painted line that was at the center of Haring’s artistic practice and with which the artist marked canvases, subway walls, and even human flesh. Keith Haring’s Line unites performance studies, critical race studies, and queer theory in an exploration of cross-racial desire in Haring’s life and art. Examining Haring’s engagements with artists such as dancer and choreographer Bill T. Jones, graffiti artist LA II, and iconic superstar Grace Jones, Montez confronts Haring’s messy relationships to race-making and racial imaginaries, highlighting scenes of complicity in order to trouble both the positive connotations of inter-racial artistic collaboration and the limited framework of appropriation.*

*Written as a satire on the comic devices cartoonists use, the book quickly became a textbook for art students. Walker researched cartoons around the world to collect this international set of cartoon symbols. The names he invented for them now appear in dictionaries.*

*This introductory book teaches the basic techniques of data analysis to help make race cars and drivers go faster. Six main channels are scrutinized including Speed, Engine RPM, Throttle Position, G Force Lateral, G Force Longitudinal and Steering Angle.*

*He speaks in your voice, American, and there’s a shine in his eye that’s halfway hopeful.It’s a vast and sprawling crowd that comes together to watch the Dodgers-Giants 1951 National League Final, and when Bobby Thomson hits the Shot Heard Round the World and wins the pennant race for the Giants, ripples are formed in the heavy undercurrent of time. Meanwhile, on the other side of the planet, another historic shot is fired: the USSR’s second atomic detonation. And so Underworld follows the threads that link a symphonic cast of characters: men and women, together and apart, whose search for meaning, survival and connection will spill out over decades.*

My Policeman

Secrets of a Sun King

Happy

Economism

R for Data Science

Discussions of Racing Technical Topics

*Here is a bracing deconstruction of the framework for understanding the world that is learned as gospel in Economics 101, regardless of its imaginary assumptions and misleading half-truths. Economism: an ideology that distorts the valid principles and tools of introductory college economics, propagated by self-styled experts, zealous lobbyists, clueless politicians, and ignorant pundits. In order to illuminate the fallacies of economism, James Kwak first offers a primer on supply and demand, market equilibrium, and social welfare: the underpinnings of most popular economic arguments. Then he provides a historical account of how economism became a prevalent mode of thought in the United States—focusing on the people who packaged Econ 101 into sound bites that were then repeated until they took on the aura of truth. He shows us how issues of moment in contemporary American society—labor markets, taxes, finance, health care, and international trade, among others—are shaped by economism, demonstrating in each case with clarity and élan how, because of its failure to reflect the complexities of our world, economism has had a deleterious influence on policies that affect hundreds of millions of Americans.*

*Journalist Walls grew up with parents whose ideals and stubborn nonconformity were their curse and their salvation. Rex and Rose Mary and their four children lived like nomads, moving among Southwest desert towns, camping in the mountains. Rex was a charismatic, brilliant man who, when sober, captured his children’s imagination, teaching them how to embrace life fearlessly. Rose Mary painted and wrote and couldn’t stand the responsibility of providing for her family. When the money ran out, the Walls retreated to the dismal West Virginia mining town Rex had tried to escape. As the dysfunction escalated, the children had to fend for themselves, supporting one another as they found the resources and will to leave home. Yet Walls describes her parents with deep affection in this tale of unconditional love in a family that, despite its profound flaws, gave her the fiery determination to carve out a successful life. -- From publisher description.*

*Introduction to Data Science: Data Analysis and Prediction Algorithms with R introduces concepts and skills that can help you tackle real-world data analysis challenges. It covers concepts from probability, statistical inference, linear regression, and machine learning. It also helps you develop skills such as R programming, data wrangling, data visualization, predictive algorithm building, file organization with UNIX/Linux shell, version control with Git and GitHub, and reproducible document preparation. This book is a textbook for a first course in data science. No previous knowledge of R is necessary, although some experience with programming may be helpful. The book is divided into six parts: R, data visualization, statistics with R, data wrangling, machine learning, and productivity tools. Each part has several chapters meant to be presented as one lecture. The author uses motivating case studies that realistically mimic a data scientist’s experience. He starts by asking specific questions and answers these through data analysis so concepts are learned as a means to answering the questions. Examples of the case studies included are: US murder rates by state, self-reported student heights, trends in world health and economics, the impact of vaccines on infectious disease rates, the financial crisis of 2007-2008, election forecasting, building a baseball team, image processing of hand-written digits, and movie recommendation systems. The statistical concepts used to answer the case study questions are only briefly introduced, so complementing with a probability and statistics textbook is highly recommended for in-depth understanding of these concepts. If you read and understand the chapters and complete the exercises, you will be prepared to learn the more advanced concepts and skills needed to become an expert.*

*Preschool teachers and early childhood professionals know that storybook reading is important, but they may not know how to maximize its benefits for later reading achievement. This indispensable guide presents research-based techniques for using reading aloud to intentionally and systematically build children’s knowledge of print. Simple yet powerful strategies are provided for teaching preschoolers about book and print organization, print meaning, letters, and words, all while sharing engaging, commercially available books. Appendices include a detailed book list and 60 reproducibles that feature activities and prompts keyed to each text.*

A Practical Guide to Race Car Data Analysis

A Practical Guide

Being Digital

Race and the Performance of Desire

Squirmy Wormy

Considered by many to be mentally retarded, a brilliant, impatient fifth-grader with cerebral palsy discovers a technological device that will allow her to speak for the first time.

Whisper searches for a cure for her boredom, but finds that all the other animals are dissatisfied with their lives.

MRI from Picture to Proton presents the basics of MR practice and theory in a unique way: backwards! The subject is approached just as a new MR practitioner would encounter MRI: starting from the images, equipment and scanning protocols, rather than pages of physics theory. The reader is brought face-to-face with issues pertinent to practice immediately, filling in the theoretical background as their experience of scanning grows. Key ideas are introduced in an intuitive manner which is faithful to the underlying physics but avoids the need for difficult or distracting mathematics. Additional explanations for the more technically inquisitive are given in optional secondary text boxes. The new edition is fully up-dated to reflect the most recent advances, and includes a new chapter on parallel imaging. Informal in style and informed in content, written by recognized effective communicators of MR, this is an essential text for the student of MR.

"Fresh, fun and romantic." —SARAH MORGAN, USA Today bestselling author of A Wedding in December He had a strict “no tourists” policy... Until she broke all of his rules. When Graham Barnett named his diner The Tourist Trap, he meant it as a joke. Now he’s stuck slinging reindeer dogs to an endless parade of resort visitors who couldn’t interest him less. Not even the sweet, enthusiastic tourist in the corner who blushes every time he looks her way... Two weeks in Alaska isn’t just the top item on Zoey Caldwell’s bucket list. It’s the whole bucket. One look at the mountain town Rex had tried to escape. As the dysfunction escalated, the children had to fend for themselves, supporting one another as they found the resources and will to leave home. Yet Walls describes her parents with deep affection in this tale of unconditional love in a family that, despite its profound flaws, gave her the fiery determination to carve out a successful life. -- From publisher description.

Meets the eye...and more to love in Moose Springs than just the Alaskan wilderness. Readers are falling in love with The Tourist Attraction: “Utterly charming—a delightful debut.” —LAUREN LAYNE, New York Times bestselling author of the Central Park Pact series “An enchanting romcom debut! I loved it.” —TERI WILSON, award-winning author of The Accidental Beauty

Queen “After reading Sarah Morgenstaler’s daring debut, I wanted to hop a plane to Alaska and find my own grumpy cinnamon roll hero!” —MELONIE JOHNSON, award-winning author of Smitten by the Brit “Prediction: Readers will stampede to Alaska looking for The Tourist Trap and their own Graham after they read the first chapter of The Tourist Attraction. Sarah

Morgenstaler’s Alaska is so vivid and amusing that it really should be a real place in the world!” —SARINA BOWEN, USA Today bestselling author of the True North series

Stuff Matters

The Glass Castle

Underworld

Introduction to Data Science

Shantell Martin - Lines

MRI from Picture to Proton

During Holland’s Golden Age in the 1700’s, as trade prospered, painters helped to bring about the world’s first popular art movement. The scenes in this book are from a collection esteemed as the finest in the Netherlands.

“Dive into this book and be swept along with some remarkable fish; from curious to sad; from shy to proud; and from angry to happy”--Back cover.

Racecar data acquisition used to be limited to well-funded teams in high-profile championships. Today the cost of electronics has decreased dramatically making them available to everyone. But the cost of any data acquisition system is a waste of money if the recorded data is not interpreted correctly. This book updated from the best-selling 2008 edition contains techniques for analyzing data recorded by any vehicle’s data acquisition system. It details how to measure the performance of the vehicle and driver what can be learned from it and how this information can be used to advantage next time the vehicle hits the track. Such information is invaluable to racing engineers and managers race teams and racing data analysts in all motorsports. Whether measuring the performance of a Formula One racecar or that of a road-legal street car on the local drag strip the dynamics of vehicles and their drivers remain the same. Identical analysis techniques apply. Some race series have restricted data logging to decrease the team’s running budgets. In these cases it is extremely important that a maximum of information is extracted and interpreted from the hardware at hand.A team that uses data more efficiently will have an edge over the competition. However the ever-decreasing cost of electronics makes advanced sensors and logging capabilities more accessible for everybody. With this comes the risk of information overload. Techniques are needed to help draw the right conclusions quickly from very large data sets. In addition to updates throughout this new edition contains three new chapters: one on techniques for

analyzing tire performance one that provides an introduction to metric-driven analysis a technique that is used throughout the book and another that explains what kind of information the data contains about the track.

Enter a world of Egyptian pharaohs and ancient curses from the Queen of Historical Fiction. London, 1922. A discovery from ancient Egypt . . . A cursed package . . . The untold story of a young pharaoh . . . When Lilian Kaye finds a parcel on her grandad’s doorstep, she is shocked to see who sent it: a famous Egyptologist, found dead that very morning, according to every newspaper in England! The mysterious package holds the key to a story . . . about a king whose tomb archaeologists are desperately hunting for. Lil and her friends must embark on an incredible journey - to return the package to its resting place, to protect those they love, and to break the deadly pharaoh’s curse . . . This crisp, beautifully paced story will hold every young reader in thrall! “Telegraph Hooked yet? You’d have to be dead

and wrapped in bandages not to be.” The Times

Analysis Techniques For Racecar Data Acquisition

My Recollections

The Lexicon of Comicana

Infinite Jest

Keith Haring’s Line

Speak

In lively, mordantly witty prose, Negroponette decodes the mysteries—and debunks the hype—surrounding bandwidth, multimedia, virtual reality, and the Internet, and explains why such touted innovations as the fax and the CD-ROM are likely to go the way of the BetaMax. “Succinct and readable. . . . If you suffer from digital anxiety . . . here is a book that lays it all out for you.”--Newsday.

Although he is a great storyteller and good at art, Hamish cannot read, even with remedial classes, but his brother Nathan finally comes up with a way to teach him.

“Sagal takes you through the highs and lows of her life, from the tragic deaths of her parents to her long years in the Los Angeles rock scene, from being diagnosed with cancer at the age of twenty-eight to getting her big break on the fledgling FOX network as the wise-cracking Peggy Bundy on the beloved sitcom Married with Children. Sparse and poetic, Grace Notes is an emotionally riveting tale of struggle and success, both professional and personal: Sagal’s path to sobriety; the stillbirth of her first daughter, Ruby; motherhood; the experience of having her third daughter at age fifty-two with the help of a surrogate; and her lifelong passion for music.”--Jacket.

A world-leading materials scientist presents an engrossing collection of stories that explain the science and history of materials, from the plastic in our appliances to the elastic in our underpants, revealing the miracles of engineering that seep into our everyday lives. 25,000 first printing.

Hyperbole and a Half

Unfortunate Situations, Flawed Coping Mechanisms, Mayhem, and Other Things That Happened

The Basic Analysis of Race Car Data Acquisition

Competition Car Data Logging

A Memoir

Math Without Numbers

“This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience”--

Martin’s work is characterised by a unique freedom, expressed through the possibilities of her chosen canvas - a piece of paper or textile, a sculptural surface, wall or screen. She interrogates ‘who we are at the core, as people’, and since her beginnings with live performance drawing in the mega clubs of Tokyo she has navigated creative worlds to interrogate and play with the role of artist and viewer. This monograph charts her career and includes early pieces, larg-scale murals and commissions, and collaborations with museums, technical institutes, museums and fashion brands.

The Cartoon Guide to Biology