House Of Robots Series

Fourteen-year-old virtual reality specialist Tyce Sanders must learn to pilot the Hammerhead, a test space torpedo, before a killer comet destroys Mars.

Methods by which robots can learn control laws that enable real-time reactivity using dynamical systems; with applications and exercises. This book presents a wealth of machine learning techniques to make the control of robots more flexible and safe when interacting with humans. It introduces a set of control laws that enable reactivity using dynamical systems, a widely used method for solving motion-planning problems in robotics. These control approaches can replan in milliseconds to adapt to new environmental constraints and offer safe and compliant control of forces in contact. The techniques offer theoretical advantages, including convergence to a goal, non-penetration of obstacles, and passivity. The coverage of learning begins with low-level control parameters and progresses to higher-level competencies composed of combinations of skills. Learning for Adaptive and Reactive Robot Control is designed for graduate-level courses in robotics, with chapters that proceed from fundamentals to more advanced content. Techniques covered include learning from demonstration, optimization, and reinforcement learning, and using dynamical systems in learning control laws, trajectory planning, and methods for compliant and force control . Features for teaching in each chapter: • applications, which range from arm manipulators to whole-body control of humanoid robots; • pencil-and-paper and programming exercises; • lecture videos, slides, and MATLAB code examples available on the author's website . • an eTextbook platform website offering protected material[EPS2] for instructors including solutions.

Jamie Grimm has hit the big time in book four of the #1 bestselling I Funny series! Jamie Grimm has finally accomplished his dream of proving himself the Planet's Funniest Kid Comic, and the sky's the limit from there. Enter a couple of TV executives with a huge plan for Jamie: a new show about Jamie and his oddball friends! But when Jamie struggles to learn the acting ropes, will it be an early curtain call for the biggest show of the decade?

Featuring contributions from James Patrick Kelly, Mike Resnick, and Geoff Ryman, this electrifying collection of science fiction stories centers around the intricate and conflicted relationships between humankind and humankind's most brilliant creations. Original.

In A Psalm for the Wild-Built, Hugo Award-winner Becky Chambers's delightful new Monk & Robot series gives us hope for the future. It's been centuries since the robots of Panga gained self-awareness and laid down their tools; centuries since they wandered, en masse, into the wilderness, never to be seen again; centuries since they faded into myth and urban legend. One day, the life of a tea monk is upended by the arrival of a robot, there to honor the old promise of checking in. The robot cannot go back until the question of "what do people need?" is answered. But the answer to that question depends on who you ask, and how. They're going to need to ask it a lot. Becky Chambers's new series asks: in a world where people have what they want, does having more matter? At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

The Trouble with Robots

Robotics and the Myths of Autonomy

Geeger the Robot

The Wild Robot

A millennium into the future, two advancements have altered the course of human history: the colonization of the Galaxy and the creation of the positronic brain. On the beautiful Outer World planet of Solaria, a handful of human colonists lead a hermit-like existence, their every need attended to by their faithful robot servants. To this strange and provocative planet comes Detective Elijah Baley, sent from the streets of New York with his positronic partner, the robot R. Daneel Olivaw, to solve an incredible murder that has rocked Solaria to its foundations. The victim had been so reclusive that he appeared to his associates only through holographic projection. Yet someone had gotten close enough to bludgeon him to death while robots looked on. Now Baley and Olivaw are faced with two clear impossibilities: Either the Solarian was killed by one of his robots--unthinkable under the laws of Robotics--or he was killed by the woman who loved him so much that she never came into his presence!

While grieving her husband's murder, a young Colorado veterinarian meets a troubled FBI agent and begins to uncover the world's most sinister secrets in this thriller from James Patterson. Frannie O'Neill is a young and talented veterinarian living in Colorado. Plagued by the mysterious murder of her husband, Frannie throws herself into her work, but it is not long before another bizarre murder occurs and Kit Harrison, a troubled and unconventional FBI agent, arrives on her doorstep. Late one night, near the woods of her animal hospital, Frannie stumbles upon a strange, astonishing phenomenon that will change the course of her life forever: an eleven-year-old girl named Max. With breathtaking energy, Max leads Frannie and Kit to uncover one of the most diabolical and inhuman plots of modern science. Bold and compelling, When the Wind Blows is a story of suspense and passion as only James Patterson could tell it.

When George Gearing's personal robot Jackbot gets hit by a car, George rebuilds him into something amazing, only to have him disappear just as dark forces threaten the town, leaving George and his new friend Anne Droid to find out what happened.

It's the end of the 21st century where technocrats rule and robots take care of humans' every need. Your house watches you, knows your secrets, and talks to you. And your closest friend can be—a machine? Gavin Bell and his teenage sister Fleur come from a middle-class family. Their much-loved, old-fashioned robot, Grumps, is running down and can't be repaired, so a scientist friend loans them EGR3, an experimental new robot to help Grumps. EGR3, known as Eager, learns from his experiences, as a child would. He feels emotions—wonder, excitement, and loss. When the ultra high-tech, eerily human BDC4 robots begin to behave suspiciously, Eager and the Bells are drawn into a great adventure that is sometimes dark and often humorous. As Eager's extraordinary abilities are tested to the limit, he will try to find the answer to this question: What does it mean to be alive?

In this new highly-illustrated series from James Patterson, an extraordinary robot signs up for an ordinary fifth grade class... and elementary school will never be the same! It was never easy for Sammy Hayes-Rodriguez to fit in, so he's dreading the day when his genius mom insists he bring her newest invention to school: a walking, talking robot he calls E--for "Error". Sammy's no stranger to robots--his house is full of a colorful cast of them. But this one not only thinks it's Sammy's brother... it's actually even nerdier than Sammy. Will E be Sammy's one-way ticket to Loserville? Or will he prove to the world that it's cool to be square? It's a roller-coaster ride for Sammy to discover the amazing secret E holds that could change family forever... if all goes well on the trial run!

Hammerhead

The Naked Sun

Talking to Robots

A Deep History, from the Stone Age to the Age of Robots

The Island of Dr. Libris

In the #1 New York Times bestselling series, class clown Jacky Hart is a triple threat onstage and she wants to act and sing all summer long -- but her parents have other plans. Jacky Hart has found a hidden talent in the performing arts, and she's a triple threat onstage! She wants nothing more than to act and sing all summer -- but her parents have other plans for her. Jacky reluctantly signs up for a summer job in her resort town of Seaside Heights, New Jersey, where tourists come to enjoy the beach and fun carnival atmosphere. Now she has serious responsibilities like her job and babysitting her younger sisters, but Jacky longs to perform in the summer stock performance of A Midsummer Night's Dream. Can she handle all of her important commitments and still have fun with her friends -- or will she learn that juggling isn't one of her many talents? James Patterson's middle grade jokester Jacky returns in this wild romp through summer in the Jersey Shore, featuring lively illustrations by French artist duo Kerascoët.

Award-winning journalist David Ewing Duncan considers 24 visions of possible human-robot futures—Incredible scenarios from Teddy Bots to Warrior Bots, and Politician Bots to Sex Bots—Grounded in real technologies and possibilities and inspired by our imagination. What robot and AI systems are being built and imagined right now? What do they say about us, their creators? Will they usher in a fantastic new future, or destroy us? What do some of our greatest thinkers, from physicist Brian Greene and futurist Kevin Kelly to inventor Dean Kamen, geneticist George Church, and filmmaker Tiffany Shlain, anticipate about our human-robot future? For even as robots and A.I. intrigue us and make us anxious about the future, our fascination with robots has always been about more than the potential of the technology–it's also about what robots tell us about being human.

From award-winning author Eve L. Ewing comes an illustrated middle grade novel about a forgotten homemade robot who comes to life just when aspiring fifth-grade scientist Maya needs a friend -- and a science fair project. Maya's nervous about fifth grade. She tries to keep calm by reminding herself she knows what to expect. But then she learns that this year won't be anything like the last. For the first time since kindergarten, her best friends Jada and MJ are placed in a different class without her, and introverted Maya has trouble making new friends. She tries to put on a brave face since they are in fifth grade now, but Maya is nervous! Just when too much seems to be changing, she finds a robot named Ralph in the back of Mr. Mac's convenience store closet. Once she uses her science skills to get him up and running, a whole new world of connection opens up as Ralph becomes a member of her family and Maya begins to step into her power. In this touching novel, Eve L. Ewing melds together a story about community, adapting to change, and the magic of ingenuity that reminds young readers that they can always turn to their own curiosity when feeling lost.

The second edition of a comprehensive introduction to all aspects of mobile robotics, from algorithms to mechanisms. Mobile robots range from the Mars Pathfinder mission's teleoperated Sojourner to the cleaning robots in the Paris Metro. This text offers students and other interested readers an introduction to the fundamentals of mobile robotics, spanning the mechanical, motor, sensory, perceptual, and cognitive layers the field comprises. The text focuses on mobility itself, offering an overview of the mechanisms that allow a mobile robot to move through a real world environment to perform its tasks, including locomotion, sensing, localization, and motion planning. It synthesizes material from such fields as kinematics, control theory, signal analysis, computer vision, information theory, artificial intelligence, and probability theory. The book presents the techniques and technology that enable mobility in a series of interacting modules. Each chapter treats a different aspect of mobility, as the book moves from low-level to high-level details. It covers all aspects of mobile robotics, including software and hardware design considerations, related technologies, and algorithmic techniques. This second edition has been revised and updated throughout, with 130 pages of new material on such topics as locomotion, perception, localization, and planning and navigation. Problem sets have been added at the end of each chapter. Bringing together all aspects of mobile robotics into one volume, Introduction to Autonomous Mobile Robots can serve as a textbook or a working tool for beginning practitioners. Curriculum developed by Dr. Robert King, Colorado School of Mines, and Dr. James Conrad, University of North Carolina-Charlotte, to accompany the National Instruments LabVIEW Robotics Starter Kit, are available. Included are 13 (6 by Dr. King and 7 by Dr. Conrad) laboratory exercises for using the LabVIEW Robotics Starter Kit to teach mobile robotics concepts.

In this highly-illustrated series from James Patterson, an extraordinary robot signs up for an ordinary fifth grade class . . . and elementary school will never be the same! It was never easy for Sammy Hayes-Rodriguez to fit in, so he's dreading the day when his genius mom insists he bring her newest invention to school: a walking, talking robot he calls E-for "Error". Sammy's no stranger to robots; his house is full of a colorful cast of them. But this one not only thinks it's Sammy's brother . . . it's actually even nerdier than Sammy. Will E be Sammy's one-way ticket to Loserville? Or will he prove to the world that it's cool to be square? It's a roller-coaster ride for Sammy to discover the amazing secret E holds that could change family forever . . . if all goes well on the trial run!

Introduction to Autonomous Mobile Robots, second edition

Maya and the Robot

Saving the World and Other Extreme Sports

Legged Robots that Balance

Technology and the Threat of a Jobless Future

Wall-E meets Hatchet in this New York Times bestselling illustrated middle grade novel from Caldecott Honor winner Peter Brown Can a robot survive in the wilderness? When robot Roz opens her eyes for the first time, she discovers that she is all alone on a remote, wild island. She has no idea how she got there or what her purpose is--but she knows she needs to survive. After battling a violent storm and escaping a vicious bear attack, she realizes that her only hope for survival is to adapt to her surroundings and learn from the island's unwelcoming animal inhabitants. As Roz slowly befriends the animals, the island starts to feel like home--until, one day, the robot's mysterious past comes back to haunt her. From bestselling and award-winning author and illustrator Peter Brown comes a heartwarming and action-packed novel about what happens when nature and technology collide.

House of RobotsJimmy Patterson

In James Patterson's heartwarming #1 New York Times bestseller, middle schooler Jamie Grimm faces bullying and self-doubt as he chases his dream to become the world's greatest comedian. Jamie Grimm is a middle schooler on a mission: he wants to become the world's greatest standup comedian--even if he doesn't have a lot to laugh about these days. He's new in town and stuck living with his aunt, uncle, and their evil son Stevie, a bully who doesn't let Jamie's wheelchair stop him from messing with Jamie as much as possible. But Jamie doesn't let his situation get him down. When his Uncle Frankie mentions a contest called The Planet's Funniest Kid Comic, Jamie knows he has to enter. But are the judges only rewarding him out of pity because of his wheelchair, like Stevie suggests? Will Jamie ever share the secret of his troubled past instead of hiding behind his comedy act? Following the bestselling success of the hilarious Middle School, The Worst Years of My Life, James Patterson continues to dish out the funnies in another highly-illustrated, heartfelt middle school story. (Includes more than 175 black-and-white illustrations.)

After a few early glitches in their relationship, Sammy and his 'bro-bot' E are now best friends. In fact, E is such a valued member of the family that the other electronic members of the House of Robots are feeling sorely unappreciated. And when Sammy's inventor mom becomes distracted by a top-secret project, the robots soon begin to fall into disrepair. Cue a robot revolt, with the droids wreaking harmless havoc in the house! Armed with pranks like glue in the shampoo bottles and flying toast missiles, the robots demand to be cared for. It's up to Sammy and his disabled sister Maddie to keep the peace until his mom reveals her secret project... and why it was worth the wait.

The New York Times-bestselling guide to how automation is changing the economy, undermining work, and reshaping our lives Winner of Best Business Book of the Year awards from the Financial Times and from Forbes "Lucid, comprehensive, and unafraid...;an indispensable contribution to a long-running argument."--Los Angeles Times What are the jobs of the future? How many will there be? And who will have them? As technology continues to accelerate and machines begin taking care of themselves, fewer people will be necessary. Artificial intelligence is already well on its way to making "good jobs" obsolete: many paralegals, journalists, office workers, and even computer programmers are poised to be replaced by robots and smart software. As progress continues, blue and white collar jobs alike will evaporate, squeezing working- and middle-class families ever further. At the same time, households are under assault from exploding costs, especially from the two major industries-education and health care-that, so far, have not been transformed by information technology. The result could well be massive unemployment and inequality as well as the implosion of the consumer economy itself. The past solutions to technological disruption, especially more training and education, aren't going to work. We must decide, now, whether the future will see broad-based prosperity or catastrophic levels of inequality and economic insecurity. Rise of the Robots is essential reading to understand what accelerating technology means for our economic prospects-not to mention those of our children-as well as for society as a whole.

House of Robots: Robot Revolution

House of Robots - FREE PREVIEW (The First XX Chapters)

I, Robot

The Junkyard Bot

Work

Robots on strike! Sammy's underappreciated mechanical helpers are causing chaos in book 3 of the bestselling House of Robots series. After a few early glitches in their relationship, Sammy and his "bro-bot" E are now fast friends. In fact, E is such a valued member of the family that the other electronic occupants of the House of Robots are feeling sorely unappreciated. And when Sammy's inventor mom becomes distracted by a top-secret project, the robots soon begin to fall into disrepair. Cue a robot revolt, with the droids wreaking harmless havoc in the house! Armed with pranks like glue in the shampoo bottles and flying toast missiles, the robots demand to be cared for. It's up to Sammy and his disabled sister Maddie to keep the peace until his mom reveals her secret project...and why it was worth the wait.

Immerse yourself in the official collection of artworks from the first three volumes of Love, Death + Robots, and discover the stories and inspirations behind this beloved Netflix series. Love Death + Robots is a Netflix series like no other—a breath-taking journey of mature, high-concept tales told with seductive characters, astounding plots, and explosive action. With each episode crafted by different animation teams across the globe, the thought-provoking anthology covers a vast range of animation styles from edgy 2D to stop-motion to anime to hyper-realistic 3D CG. In this luxury book, discover the wealth of artwork and stories behind the creation of the series ' first three volumes. Includes interviews with key artists and creatives such as series creators Tim Miller and David Fincher, and is full to the brim with everything from beautiful concept art, character studies, costume sketches, paintings, vehicle designs, storyboards, and early vision decks, through to finished frames. Perfect for any fan of animation.

Includes excerpt from The Smartest Kid in the Universe.

This book, by a leading authority on legged locomotion, presents exciting engineering and science, along with fascinating implications for theories of human motor control. It lays fundamental groundwork in legged locomotion, one of the least developed areas of robotics, addressing the possibility of building useful legged robots that run and balance.The book describes the study of physical machines that run and balance on just one leg, including analysis, computer simulation, and laboratory experiments. Contrary to expectations, it reveals that control of such machines is not particularly difficult. It describes how the principles of locomotion discovered with one leg can be extended to systems with several legs and reports preliminary experiments with a quadruped machine that runs using these principles.Raibert's work is unique in its emphasis on dynamics and active balance, aspects of the problem that have played a minor role in most previous work. His studies focus on the central issues of balance and dynamic control, while avoiding several problems that have dominated previous research on legged machines.Marc Raibert is Associate Professor of Computer Science and Robotics at Carnegie-Mellon University and on the editorial board of The MIT Press journal, Robotics Research. Legged Robots That Balance is fifteenth in the Artificial Intelligence Series, edited by Patrick Winston and Michael Brady.

" [An] essential book··· it is required reading as we seriously engage one of the most important debates of our time. " —Sherry Turkle, author of Reclaiming Conversation: The Power of Talk in a Digital Age From drones to Mars rovers—an exploration of the most innovative use of robots today and a provocative argument for the crucial role of humans in our increasingly technological future. In Our Robots, Ourselves, David Mindell offers a fascinating behind-the-scenes look at the cutting edge of robotics today, debunking commonly held myths and exploring the rapidly changing relationships between humans and machines. Drawing on firsthand experience, extensive interviews, and the latest research from MIT and elsewhere, Mindell takes us to extreme environments—high atmosphere, deep ocean, and outer space—to reveal where the most advanced robotics already exist. In these environments, scientists use robots to discover new information about ancient civilizations, to map some of the world ' s largest geological features, and even to " commute " to Mars to conduct daily experiments. But these tools of air, sea, and space also forecast the dangers, ethical quandaries, and unintended consequences of a future in which robotics and automation suffuse our everyday lives. Mindell argues that the stark lines we ' ve drawn between human and not human, manual and automated, aren ' t helpful for understanding our relationship with robotics. Brilliantly researched and accessibly written, Our Robots, Ourselves clarifies misconceptions about the autonomous robot, offering instead a hopeful message about what he calls " rich human presence " at the center of the technological landscape we are now creating.

A Dynamical Systems Approach

Cognitive Robotics

Mission 4

Sleeping Giants

A Middle School Story

Amelia Bedelia meets James Patterson's House of Robots series in the adventures of Geeger, a robot who goes to school for the very first time, in the first story in a new, fun-to-read Aladdin QUIX chapter book series that's perfect for emerging readers! Geeger the Robot is going to school. But not robot school…a school with kids, the human kind! Geeger isn't used to human ways, and his zany misunderstandings and overly literal responses to instructions lead to quite a few mishaps. He's starting to wonder if he can even make it until snack time! Will a bot made of wires, nuts, and bolts fit in with a classroom of kids?

In book two of the House of Robots series, it's 'bot brains versus 'bot brawn in an all-out war! Sammy Hayes-Rodriguez and his "bro-bot" E are making new friends every day as E works as his bedridden sister Maddie's school proxy. But disaster strikes when E malfunctions just in time to be upstaged by the super-cool new robot on the block-and loses his ability to help Maddie. Now it's up to Sammy to figure out what's wrong with E and save his family!

Evelyn strives for excellence. Allie couldn't care less. These polar opposites must work together if they have any hope of saving their school's robotics program. Eighth-graders Evelyn and Allie are in trouble. Evelyn's constant need for perfection has blown some fuses among her robotics teammates, and she's worried nobody's taking the upcoming competition seriously. Allie is new to school, and she's had a history of short-circuiting on teachers and other kids. So when Allie is assigned to the robotics team as a last resort, all Evelyn can see is just another wrench in the works! But as Allie confronts a past stricken with grief and learns to open up, the gears click into place as she discovers that Evelyn's teammates have a lot to offer—if only Evelyn allowed them to participate in a role that plays to their strengths. Can Evelyn learn to let go and listen to what Allie has to say? Or will their spot in the competition go up in smoke along with their school's robotics program and Allie's only chance at redemption? An excellent pick for STEAM enthusiasts, this earnestly told narrative features a dual point of view and casually explores Autistic and LGBTQ+ identities.

The current state of the art in cognitive robotics, covering the challenges of building AI-powered intelligent robots inspired by natural cognitive systems. A novel approach to building AI-powered intelligent robots takes inspiration from the way natural cognitive systems—in humans, animals, and biological systems—develop intelligence by exploiting the full power of interactions between body and brain, the physical and social environment in which they live, and phylogenetic, developmental, and learning dynamics. This volume reports on the current state of the art in cognitive robotics, offering the first comprehensive coverage of building robots inspired by natural cognitive systems. Contributors first provide a systematic definition of cognitive robotics and a history of developments in the field. They describe in detail five main approaches: developmental, neuro, evolutionary, swarm, and soft robotics. They go on to consider methodologies and concepts, treating topics that include commonly used cognitive robotics platforms and robot simulators, biomimetic skin as an example of a hardware-based approach, machine-learning methods, and cognitive architecture. Finally, they cover the behavioral and cognitive capabilities of a variety of models, experiments, and applications, looking at issues that range from intrinsic motivation and perception to robot consciousness. Cognitive Robotics is aimed at an interdisciplinary audience, balancing technical details and examples for the computational reader with theoretical and experimental findings for the empirical scientist.

An accessible and engaging account of robots, covering the current state of the field, the fantasies of popular culture, and implications for life and work. Robots are entering the mainstream. Technologies have advanced to the point of mass commercialization—Roomba, for example—and adoption by governments—most notably, their use of drones. Meanwhile, these devices are being received by a public whose main sources of information about robots are the fantasies of popular culture. We know a lot about C-3PO and Robocop but not much about Atlas, Motoman, Kiva, or Beam—real-life robots that are reinventing warfare, the industrial workplace, and collaboration. In this book, technology analyst John Jordan offers an accessible and engaging introduction to robots and robotics, covering state-of-the-art applications, economic implications, and cultural context. Jordan chronicles the prehistory of robots and the treatment of robots in science fiction, movies, and television—from the outsized influence of Mary Shelley's Frankenstein to Isaac Asimov's I, Robot (in which Asimov coined the term "robotics"). He offers a guided tour of robotics today, describing the components of robots, the complicating factors that make robotics so challenging, and such applications as driverless cars, unmanned warfare, and robots on the assembly line. Roboticists draw on such technical fields as power management, materials science, and artificial intelligence. Jordan points out, however, that robotics design decisions also embody such nontechnical elements as value judgments, professional aspirations, and ethical assumptions, and raise questions that involve law, belief, economics, education, public safety, and human identity. Robots will be neither our slaves nor our overlords; instead, they are rapidly becoming our close companions, working in partnership with us—whether in a factory, on a highway, or as a prosthetic device. Given these profound changes to human work and life, Jordan argues that robotics is too important to be left solely to roboticists.

Robots

House of Robots: Robots Go Wild!

Tales from Our Human-Robot Futures

House of Robots

When the Wind Blows

"17 years ago: A girl in South Dakota falls through the earth, then wakes up dozens of feet below ground on the palm of what seems to be a giant metal hand. Today: She is a top-level physicist leading a team of people to understand exactly what that hand is, where it came from, and what it portends for humanity. A swift and spellbinding tale told almost exclusively through transcriptions of interviews conducted by a mysterious and unnamed character, this is a unique debut that describes a hunt for truth, power, and giant body parts"--

Called to the Spacer world to solve a case of roboticide, New York City detective Elijah Baley teams up with humanoid robot R. Daneel Olivaw to prove that the prime suspect, a renowned roboticist, is innocent of the crime. Reprint.

The first book of a funny fantasy and adventure series about three friends who discover they have the ability to control the weather. It's Storm Chasers meets The 39 Clues, in a story that Booklist called "fascinating . . . mixing serious science with full-on fantasy." Eleven-year-old Angus's world is turned upside down when he is mysteriously whisked away to become an apprentice at the Perilous Exploratorium for Weather and Vicious Storms. At Perilous, the world's most dangerous weather is studied to protect mankind from its ravages. There, Angus discovers that his parents aren't boring government workers after all—they are actually famous Lightning Catchers, and they've been kidnapped. With the help of two loyal new friends, Angus intends to find them. This fast-paced, action-packed, funny story of friendship, adventure, science, and mayhem begins a high-octane four-book series.

A very special mouse escapes from a lab to find his missing family in this charming story of survival, determination, and the power of friendship. What makes Isaiah so unique? First, his fur is as blue as the sky -- which until recently was something he'd never seen, but had read all about. That's right: Isaiah can read and write. He can also talk to humans . . . if any of them are willing to listen! After a dramatic escape from a mysterious laboratory, Isaiah is separated from his "mischief" (which is the word for a mouse family) and has to survive in the dangerous outdoors, and hopefully find his missing family. But in a world of cruel cats, hungry owls, and terrified people, it's hard for a young, lone mouse to make it alone. When he meets an equally unusual and lonely human girl named Hailey, the two soon learn that true friendship can transcend all barriers.

"Outrageous hijinks and nonstop hilarity--five stars!" --Lincoln Peirce, author of the Big Nate series Dive into summer fun with this hilarious illustrated middle-grade series by Chris Grabenstein, New York Times bestselling author of Escape from Mr. Lemoncello's Library and coauthor with James Patterson of the I Funny and House of Robots series! Life's a vacation when you live in the world's wackiest motel! P.T. and his best friend, Gloria, are getting ready for St. Pete Beach's first-ever Sandapalooza! The Wonderland's biggest rival, the Conch Reef Resort, is doing everything it can to win the sand sculpture contest, but P.T. has bigger problems: The Wonderland has opened a new restaurant--the Banana Shack--and running a restaurant is harder than it looks! And to make matters worse, a royal guest's priceless tiara has gone missing, and the prime suspect is the Wonderland's beloved housekeeper! Can P.T. and Gloria win the contest, keep the restaurant going, and clear Clara's name?

Public School Superhero

I Funny TV

Welcome to Wonderland #3: Sandapalooza Shake-Up

The Art of Love, Death + Robots

Dog Squad

When two science-savvy girls create an entire robot world, they don't expect the robots to come alive. But life may be a bit more magical than they thought. Eleven-year-old Penny Rose has just moved to a new town, and so far the robots she builds herself are her only company. But with just a bit of magic, everything changes: she becomes best friends with Lark, has the chance to join a secret science club, and discovers that her robots are alive. Penny Rose hardly remembers how lonely she used to feel. But then a fateful misstep forces her to choose between the best friend she's always hoped for and the club she's always dreamed of, and in the end it may be her beloved little robots that pay the price. Quirky and wonderful, this illustrated chapter book from Carolyn Crimi and Corinna Luyken shows that making your own space and a true friend in the world is a kind of magic all its own.

New from the author of Escape from Mr. Lemoncello's Library and coauthor of the I Funny series with James Patterson! Celebrate the power of imagination with this action-packed New York Times bestseller that shows that sometimes the real story starts after you close the book! What if your favorite characters came to life? Billy's spending the summer in a lakeside cabin that belongs to the mysterious Dr. Libris. But something strange is going on. Besides the security cameras everywhere, there's Dr. Libris's private bookcase. Whenever Billy opens the books inside, he can hear sounds coming from the island in the middle of the lake. The clash of swords. The twang of arrows. Sometimes he can even feel the ground shaking. It's almost as if the stories he's reading are coming to life! But that's impossible . . . isn't it? "A wonderful tale. . . . This book is like no other I've read. It's a complete original." —James Patterson "Kids will enjoy the cartoonish mayhem, especially given Grabenstein's breezy narrative voice and jaunty wit....as in 'Lemoncello', there is a winning generosity and sweetness to the story's telling."--The New York Times "Chris Grabenstein gleefully plunders great works of literature for his cast of secondary characters . . . a madcap mash-up that 8-to-12 year olds will want to devour in big gulps."—The Wall Street Journal "Effortlessly readable and a whole lot of fun." — Booklist Reviews

Inner city middle school student Kenny Wright imagines himself as a superhero-but when he faces peer pressure and bullying, can he find his strength in real life? Kenny Wright is a kid with a secret identity. In his mind, he's Stainlezz Steel, super-powered defender of the weak. In reality, he's a chess club devotee known as a "Grandma's Boy," a label that makes him an easy target for bullies. Kenny wants to bring a little more Steel to the real world, but the question is: can he recognize the real strength and goodness inside himself? Or will peer pressure force him to make the worst choice of his life? Interspersed with fantastic illustrations and comic-book panels, this book aims to both entertain and to provoke dialogue about identity, belonging, and doing the right thing.

The development of robot technology to a state of perfection by future civilizations is explored in nine science fiction stories.

Max and her winged "flock" must face their ultimate enemy and discover their original purpose: to defeat the takeover of a sinister experiment to reengineer a select population into a scientifically superior master race.

Rise of the Robots

Jacky Ha-Ha: My Life Is a Joke

Word of Mouse

Weird Little Robots

Robot Revolution

"This book is a tour de force." -- Adam Grant, New York Times bestselling author of Give and Take A revolutionary new history of humankind through the prism of work by leading anthropologist James Suzman Work defines who we are. It determines our status, and dictates how, where, and with whom we spend most of our time. It mediates our self-worth and molds our values. But are we hard-wired to work as hard as we do? Did our Stone Age ancestors also live to work and work to live? And what might a world where work plays a far less important role look like? To answer these questions, James Suzman charts a grand history of "work" from the origins of life on Earth to our ever more automated present, challenging some of our deepest assumptions about who we are. Drawing insights from anthropology, archaeology, evolutionary biology, zoology, physics, and economics, he shows that while we have evolved to find joy meaning and purpose in work, for most of human history our ancestors worked far less and thought very differently about work than we do now. He demonstrates how our contemporary culture of work has its roots in the agricultural revolution ten thousand years ago. Our sense of what it is to be human was transformed by the transition from foraging to food production, and, later, our migration to cities. Since then, our relationships with one another and with our environments, and even our sense of the passage of time, have not been the same. Arguing that we are in the midst of a similarly transformative point in history, Suzman shows how automation might revolutionize our relationship with work and in doing so usher in a more sustainable and equitable future for our world and ourselves.

Our Robots, Ourselves

I Funny

The Lightning Catcher

Learning for Adaptive and Reactive Robot Control

The Robots of Dawn