

## Roark 6th Edition

*Piping and Pipeline Calculations Manual, Second Edition* provides engineers and designers with a quick reference guide to calculations, codes, and standards applicable to piping systems. The book considers in one handy reference the multitude of pipes, flanges, supports, gaskets, bolts, valves, strainers, flexibles, and expansion joints that make up these often complex systems. It uses hundreds of calculations and examples based on the author's 40 years of experiences as both an engineer and instructor. Each example demonstrates how the code and standard has been correctly and incorrectly applied. Aside from advising on the intent of codes and standards, the book provides advice on compliance. Readers will come away with a clear understanding of how piping systems fail and what the code requires the designer, manufacturer, fabricator, supplier, erector, examiner, inspector, and owner to do to prevent such failures. The book enhances participants' understanding and application of the spirit of the code or standard and form a plan for compliance. The book covers American Water Works Association standards where they are applicable. Updates to major codes and standards such as ASME B31.1 and B31.12 New methods for calculating stress intensification factor (SIF) and seismic activities Risk-based analysis based on API 579, and B31-G Covers the Pipeline Safety Act and the creation of PhMSA "Organized chapter by chapter to parallel *The American promise: a history of the United States in all its editions*"--v. 1, p. iii.

*Principles of Real Estate Practice* by Mettling and Cusic is a modern learning tool for the student preparing to enter the real estate business as a licensed professional. The textbook contains the essentials of real estate law, principles, and practices taught in real estate schools and colleges across the country, including all those fundamentals that real estate educators, practicing professionals, national testing services, and state licensing officials agree are necessary for basic competence. *Principles of Real Estate Practice* covers the national requirements for the initial 30-90+ hours of classroom study, or its equivalent, mandated by state license laws across the country.

*Principles of Real Estate Practice* is tailored to the needs of the pre-license student. The textbook is designed to make it easy for students to learn the material -prepare students for numerous career applications -stress practical, rather than theoretical, skills and knowledge. It is more streamlined, direct and to-the-point than other books. It includes more learning reinforcements. It has a student-oriented organization, both within each chapter and from chapter to chapter. Its examples and exercises are grounded in the authors' fifty combined years in real estate education. Table of Contents of the 6th Edition The Real Estate Business Rights in Real Estate Interests and Estates Ownership Encumbrances and Liens Transferring and Recording Title to Real Estate Real Estate Leases Land Use Planning and Control Legal Descriptions Real Estate Contract Law Agency Listing Agreements The Brokerage Business Contracts for the Sale of Real Estate Real Estate Market Economics Appraising and Estimating Market Value Real Estate Finance Real Estate Investment Real Estate Taxation Professional Practices Closings Real Estate Licensing and Regulation Risk Management Property Management Real Estate Mathematics and Formulas Glossary of Residential Style and Construction Terms Glossary of General Real Estate Terms Index Note: For some states, we have state-specific versions of *Principles of Real Estate Practice*. We also publish the Real Estate License Exam Prep (RELEP) Series of exam prep books.

Middle-schooler Isabelle Bean follows a mouse's squeak into a closet and falls into a parallel universe where the children believe she is the witch they have feared for years, finally come to devour them.

*Aircraft Structures for Engineering Students*

*Steel Castings Handbook, 6th Edition*

6th Edition

*Engineering Formulas*

The American Promise, Value Edition, has long been a favorite with students who value the text's readability, clear chronology, and lively voices of ordinary Americans, all in a portable format. The value edition includes the full narrative accompanied by a 2-color map program and the rich instructor resources of the parent text made available at an affordable price. LaunchPad combines carefully-curated assignments and assessments integrated with the full-length parent text e-book—the same narrative in the Value Edition but with full color art and maps and more features for analysis—in its own intuitive course space. The American Promise Value Edition with LaunchPad provides the best formats for every activity—the print book allows for a seamless reading experience while LaunchPad provides the right space for active learning assignments and dynamic course management tools that measure and analyze student progress. LaunchPad comes with a wealth of primary sources and special critical thinking activities to help students progress toward learning outcomes; LearningCurve, the adaptive learning tool that students love to use to cement their understanding of the text and instructors love to assign to prepare students for class; and a suite of instructor resources from videos to test banks that make teaching simpler and more effective.

Marylin and Kate find that boys can be just as complicated as friendship in this conclusion to the bestselling Secret Language of Girls trilogy, a "quietly perceptive tour de force" (Kirkus Reviews) from the bestselling author of Dovey Coe and The Secret Language of Girls. Marylin knows that, as a middle school cheerleader, she has certain obligations. She has to smile as she walks down the hall, be friends with the right people, and keep her manicure in tip-top shape. But Marylin is surprised to learn there are also rules about whom she's allowed to like—and Benjamin, the student body president, is deemed unacceptable. But maybe there is a way to convince the cheerleaders that her interest in Benjamin is for their own good—maybe she'll pretend that she's using him to get new cheerleading uniforms! Kate, of course, finds this ludicrous. She is going to like who she likes, thank you very much. And she just so happens to be spending more time than ever with Matthew Holler. But even a girl who marches to the beat of her own guitar strings can play the wrong notes—and are she and Matthew even playing the same song? She's just not sure. So when Matthew tells Kate that the school's Audio Lab needs funding from the student government, she decides to do what she can to help him get it. But there isn't enough

money to go around, and it soon becomes clear that only one of the two girls can get her way. Ultimately, though, is it even her way? Or are both girls pushing for something they never really wanted in the first place? This book provides a broad and comprehensive coverage of the theoretical, experimental, and numerical techniques employed in the field of stress analysis. Designed to provide a clear transition from the topics of elementary to advanced mechanics of materials. Its broad range of coverage allows instructors to easily select many different topics for use in one or more courses. The highly readable writing style and mathematical clarity of the first edition are continued in this edition. Major revisions in this edition include: an expanded coverage of three-dimensional stress/strain transformations; additional topics from the theory of elasticity; examples and problems which test the mastery of the prerequisite elementary topics; clarified and additional topics from advanced mechanics of materials; new sections on fracture mechanics and structural stability; a completely rewritten chapter on the finite element method; a new chapter on finite element modeling techniques employed in practice when using commercial FEM software; and a significant increase in the number of end of chapter exercise problems some of which are oriented towards computer applications.

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The industry-standard resource for stress and strain formulas—fully updated for the latest advances and restructured for ease of use This newly designed and thoroughly revised guide contains accurate and thorough tabulated formulations that can be applied to the stress analysis of a comprehensive range of structural components. Roark's Formulas for Stress and Strain, Ninth Edition has been reorganized into a user-friendly format that makes it easy to access and apply the information. The book explains all of the formulas and analyses needed by designers and engineers for mechanical system design. You will get a solid grounding in the theory behind each formula along with real-world applications that cover a wide range of materials. Coverage includes:

- The behavior of bodies under stress
- Analytical, numerical, and experimental methods
- Tension, compression, shear, and combined stress
- Beams and curved beams
- Torsion, flat plates, and columns
- Shells of revolution, pressure vessels, and pipes
- Bodies under direct pressure and shear stress
- Elastic stability
- Dynamic and temperature stresses
- Stress concentration
- Fatigue and fracture
- Stresses in fasteners and joints
- Composite materials and solid biomechanics

Roark's Formulas for Stress and Strain, 9E

Principles of Real Estate Practice

The American Promise, Value Edition, Volume 1

Roark's Formulas for Stress and Strain

To 1877

**The American Promise, Value Edition, has long been a favorite with students who value the text's readability, clear chronology, and lively voices of ordinary Americans, all in a portable format. Instructors have long valued the full narrative accompanied by a 2-color map program and the rich instructor resources of the parent text made available at an affordable price. The sixth edition introduces a breakthrough in teaching and learning through the addition of LaunchPad, which combines carefully-curated new assignments and assessments integrated with the full-length parent text e-book—the same narrative in the Value Edition but with full color art and maps and more features for analysis—in its own intuitive course space. The American Promise Value Edition with LaunchPad now provides the best formats for every activity—the print book allows for a seamless reading experience while LaunchPad provides the right space for active learning assignments and dynamic course management tools that measure and analyze student progress. LaunchPad comes with a wealth of primary sources and special critical thinking activities to help students progress toward learning outcomes; LearningCurve, the adaptive learning tool that students love to use to cement their understanding of the text and instructors love to assign to prepare students for class; and a suite of instructor resources from videos to test banks that make teaching simpler and more effective.**

**Solutions-based approach to quick calculations in structural element design and analysis Now updated with 30% new material, Roark Formulas for Stress and Strain, Seventh Edition, is the ultimate resource for designers, engineers, and analysts who need to calculate loads and stress. This landmark reference from Warren Young and Richard Budynas provides you with equations and diagrams of structural properties in an easy-to-use, thumb-through format. Updated, with a user-friendly page layout, this new edition includes expanded coverage of joints, bearing and shear stress, experimental stress analysis, and stress concentrations, as well as material behavior coverage and stress and strain measurement. You'll also find expanded tables and cases; improved notations and figures in the tables; consistent table and equation numbering; and verification of correction factors. -- Publisher description.**

**Because living with "modern-hippy" parents on a goat farm means fourteen-year-old Janie Gorman cannot have a normal high school life, she tries joining Jam Band, making friends with Monster, and spending time with elderly former civil rights workers.**

**My name is Dovey Coe and I reckon it do't matter if you like me or not. I'm here to lay the record straight, to let you know them folks saying I done a terrible thing are liars. I aim to prove it, too. I hated Parnell Caraway as much as the next person, but I didn't kill him. Dovey Coe says what's on her mind, so it's no secret that she can't stand Parnell Caraway. Parnell may be the son of the richest man in town, but he's mean and snobby, and Dovey can't stand the fact that he's courting her sister, Caroline, or the way he treats her brother, Amos, as if he were stupid just because he can't hear. So when Parnell turns up dead, and Dovey's in the room where his body is discovered, she soon finds herself on trial for murder. Can the outspoken Dovey sit still and trust a city slicker lawyer who's still wet behind the ears to get her out of the biggest mess of her life?**

**Dovey Coe**

**Formulas for Stress, Strain, and Structural Matrices**

**The Second Life of Abigail Walker**

**The Class**

### **Piping and Pipeline Calculations Manual**

Make sure you are thoroughly prepared to work in a clinical lab. Rodak's Hematology: Clinical Principles and Applications, 6th Edition uses hundreds of full-color photomicrographs to help you understand the essentials of hematology. This new edition shows how to accurately identify cells, simplifies hemostasis and thrombosis concepts, and covers normal hematopoiesis through diseases of erythroid, myeloid, lymphoid, and megakaryocytic origins. Easy to follow and understand, this book also covers key topics including: working in a hematology lab; complementary testing areas such as flow cytometry, cytogenetics, and molecular diagnostics; the parts and functions of the cell; and laboratory testing of blood cells and body fluid cells. UPDATED nearly 700 full-color illustrations and photomicrographs make it easier for you to visualize hematology concepts and show what you'll encounter in the lab, with images appearing near their mentions in the text to minimize flipping pages back and forth. UPDATED content throughout text reflects latest information on hematology. Instructions for lab procedures include sources of possible errors along with comments. Hematology instruments are described, compared, and contrasted. Case studies in each chapter provide opportunities to apply hematology concepts to real-life scenarios. Hematology/hemostasis reference ranges are listed on the inside front and back covers for quick reference. A bulleted summary makes it easy for you to review the important points in every chapter. Learning objectives begin each chapter and indicate what you should achieve, with review questions appearing at the end. A glossary of key terms makes it easy to find and learn definitions. NEW! Additional content on cell structure and receptors helps you learn to identify these organisms. NEW! New chapter on Introduction to Hematology Malignancies provides an overview of diagnostic technology and techniques used in the lab.

HERE'S WHAT YOU NEED TO KNOW ABOUT PHINEAS L. MACGUIRE, BOY-SCIENTIST EXTRAORDINAIRE, AKA MAC: 1. He's allergic to purple, telephone calls, and girls, and can prove it. 2. He's probably the world's expert on mold, including which has the highest stink potential. 3. He does not have a best friend. He does, however, have an un-best friend, who he does not -- repeat, not -- want to upgrade to best-friend status. But disaster strikes when his teacher pairs Mac and his un-best friend together for the upcoming science fair. Worse, this un-best friend wants the project to be on dinosaurs, which is so third grade. Worse still, it seems as though everyone else in his class finds the un-best friend as unlikable as Mac does. But, being a boy-scientist, once Mac notices this, he just might have to do some investigating. This very funny young middle-grade novel includes tantalizingly grue- some experiments for exploding your own volcanoes and imploding marshmallows.

Is it possible to start afresh when you're thoroughly weighted down? A "timeless and entirely of-the-moment" (Publishers Weekly) novel from the author of *The Secret Language of Girls*. Seventeen pounds. That's the difference between Abigail Walker and Kristen Gorzca. Between chubby and slim, between teased and taunting. Abby is fine with her body and sick of seventeen pounds making her miserable, so she speaks out against Kristen and her groupies—and becomes officially unpopular. Embracing her new status, Abby heads to an abandoned lot across the street and crosses an unfamiliar stream that leads her to a boy who's as different as they come. Anders is homeschooled, and while he's worried that Abby's former friends are out to get her, he's even more worried about his dad, a war veteran home from Iraq who is dangerously disillusioned with life. But if his dad can finish his poem about the expedition of Lewis and Clark, if he can recapture the belief that there can be innocence in the world, maybe he will be okay. As Abby dives into the unexpected role as research assistant, she just as unexpectedly discovers that by helping someone else find hope in the world, there is plenty there for herself, as well.

Publisher Description

Clinical Principles and Applications

The Kind of Friends We Used to Be

Falling In

The American Promise, Value Edition, Volume 2

Peterson's Stress Concentration Factors

***Presents an engineering guide containing a variety of mathematical and technical formulas and equations.***

***Offers a collection of chapters featuring ASME Piping and Pressure Vessel Code applications. This volume enables readers to learn to solve various mechanical problems, including: Pipe Stress and Strain; Structural Supports; Pressure Vessels; Jacketed Pipes; and Bellows-Type Expansion Joints.***

***Edgar Award-winning novelist Frances O'Roark Dowell explores the shifting terrain of middle-school friendship in this follow-up to the beloved *The Secret Language of Girls*. Kate and Marylin are smack dab in the middle of middle school—seventh grade—and they know they can never be best friends like they used to be. Marylin is a middle school cheerleader obsessed with popularity and hairstyles, and Kate is the exact opposite with her combat boots and hankering to learn guitar and write her own songs. Still, Kate and Marylin yearn to find some middle ground for their friendship—but it's harder than they ever imagined.***

***The American Promise: A Concise History is a brief, affordable text with a clear political, chronological narrative that makes teaching and learning American history a snap. This brief book includes a full-color map and art program, robust boxed feature program, and comprehensive supplement options. Enhanced with a wealth of digital content in LaunchPad, the seventh edition provides easily assignable options for instructors and novel ways for students to master the content. LaunchPad is integrated with LearningCurve, an adaptive online resource that helps students retain the material and come to class prepared.***

***Shooting the Moon***

***Fundamentals of Machine Component Design***

***Rodak's Hematology - E-Book***

***Materials Selection in Mechanical Design***

***Advanced Strength and Applied Stress Analysis***

The seventh edition of the bestselling NOLS Wilderness Medicine includes all the key first-aid information that made previous editions so valuable, now updated throughout with the latest medical recommendations. This guide is used in NOLS and WMI courses to train outdoor leaders to prevent, recognize, and treat common medical problems and to stabilize severely ill or injured patients for evacuation. A vital resource for outdoor enthusiasts, this book covers fundamental topics in first aid from the unique perspective of the National Outdoor Leadership School. First-aid topics include patient assessments, shock, soft tissue injury, burns, fractures and dislocations, and chest, head, and abdominal injury. Learn how to handle common environmental problems—heat, cold, water, altitude, and poisonous plants and animals. Vital material is presented in an easy-to-use reference format to save valuable time in an emergency.

The American Promise, Value Edition, has long been a favorite with students who value the text's readability, clear chronology, and lively voices of ordinary Americans, all in a portable format. Instructors have long valued the full narrative accompanied by a 2-color map program and the rich instructor resources of the parent text made available at an affordable price. The sixth edition introduces a breakthrough teaching and learning through the addition of LaunchPad, which combines carefully-curated new assignments and assessments integrated with the full-length parent text e-book—the same narrative in the Value Edition but with full color art and maps and more features for analysis—in its own intuitive course space. The American Promise Value Edition with LaunchPad now provides the best formats for every activity—the print book allows for a seamless reading experience while LaunchPad provides the right space for active learning assignments and dynamic course management tools that measure and analyze student progress. LaunchPad comes with a wealth of primary sources and special critical thinking activities to help students progress toward learning outcomes; LearningCurve, the adaptive learning tool that students love to use to cement their understanding of the text and instructors love to assign to prepare students for class; and a suite of instructor resources from videos to test banks that make teaching simpler and more effective. What's in the LaunchPad

JAMIE THINKS HER FATHER CAN DO ANYTHING... UNTIL THE ONE TIME HE CAN DO NOTHING. When twelve-year-old Jamie Dexter's brother joins the Army and is sent to Vietnam, Jamie is plum thrilled. She can't wait to get letters from the front lines describing the excitement of real-life combat: the sound of helicopters, the smell of gunpowder, the exhilaration of being right in the thick of it. After they've both dreamed of following in the footsteps of their father, the Colonel. But TJ's first letter isn't a letter at all. It's a roll of undeveloped film, the first of many. What Jamie sees when she develops TJ's photographs reveals a whole new side of the war. Slowly the shine begins to fade off of Army life - and the Colonel. How can someone she's worshipped her entire life be just as helpless to save her brother as she is? From the author of the Edgar Award-winning Dovey Coe comes a novel, both timely and timeless, about the sacrifices we make for what we believe and the people we love.

Pressure vessels are closed containers designed to hold gases or liquids at a pressure substantially different from the ambient pressure. They have a variety of applications in industry, including in oil refineries, nuclear reactors, vehicle airbrake reservoirs, and more. The pressure differential with such vessels is dangerous, and due to the risk of accident and fatality around their use, the design, manufacture, operation and inspection of pressure vessels is regulated by engineering authorities and guided by legal codes and standards. Pressure Vessel Design Manual is a solutions-focused guide to the many problems and technical challenges involved in the design of pressure vessels to match stringent standards and codes. It brings together otherwise scattered information and explanations into one easy-to-use resource to minimize research and take readers from problem to solution in the most direct manner possible. Covers almost all problems that a working pressure vessel designer can expect to face, with 50+ step-by-step design procedures including a wealth of equations, explanations and illustrations. Internationally recognized, widely referenced and trusted, with 20+ years of use in over 30 countries making it an accepted industry standard guide. Now revised with up-to-date ASME, ASCE and API regulatory code information, and dual unit coverage for increased ease of international use.

Ten Miles Past Normal

From 1865

The Secret Language of Girls

Practice Under the Federal Sentencing Guidelines, 6th Edition

Plant Piping and Pressure Vessels

Fundamentals of Machine Component Design presents a thorough introduction to the concepts and methods essential to mechanical engineering design, analysis, and application. In-depth coverage of major topics, including free body diagrams, force flow concepts, failure theories, and fatigue design, are coupled with specific applications to bearings, springs, brakes, clutches, fasteners, and more for a real-world functional body of knowledge. Critical thinking and problem-solving skills are strengthened through a graphical procedural framework, enabling the effective identification of problems and clear presentation of solutions. Solidly focused on practical applications of fundamental theory, this text helps students develop the ability to conceptualize designs, interpret test results, and facilitate improvement. Clear presentation reinforces central ideas with multiple case studies, in-class exercises, homework problems, computer software data sets, and access to supplemental internet resources, while appendices provide extensive reference material on processing methods, joinability, failure modes, and material properties to aid student comprehension and encourage self-study.

The bible of stress concentration factors—updated to reflect today's advances in stress analysis. This book establishes and maintains a system of data classification for all the applications of stress and strain analysis, and expedites their synthesis into CAD applications. Filled with all of the latest developments in stress and strain analysis, this Fourth Edition presents stress concentration factors both graphically and with formulas, and the illustrated index allows readers to identify structures and shapes of interest based on the geometry and loading of the location of a stress concentration factor. Peterson's Stress Concentration Factors, Fourth Edition includes a thorough introduction of the theory and methods for static and fatigue design, quantification of stress and strain, research on stress concentration factors for weld joints and composite materials, and a new introduction to the systematic stress analysis approach using Finite Element Analysis (FEA). From notches and grooves to shoulder fillets and holes, readers will learn everything they need to know about stress concentration in one single volume.

Peterson's is the practitioner's go-to stress concentration factors reference. Includes completely revised introductory chapters on fundamentals of stress analysis; miscellaneous design elements; finite element analysis (FEA) for stress analysis. Features new research on stress concentration factors related to weld joints and composite materials. Takes a deep dive into the theory and methods for material characterization, quantification and analysis methods of stress and strain, and static and fatigue design. Peterson's Stress Concentration Factors is an excellent book for all mechanical, civil, and structural engineers, and for all engineering students and researchers.

The American Promise, Value Edition, has long been a favorite with students who value the text's readability, clear chronology, and lively voices of ordinary Americans, all in a portable format. Instructors have long valued the full narrative accompanied by a 2-color map program and the rich instructor resources of the parent text made available at an affordable price.

Understanding materials, their properties and behavior is fundamental to engineering design, and a key application of materials science. Written for all students of engineering, materials science and design, this book describes the procedures for material selection in mechanical design in order to ensure that the most suitable materials for a given application are identified from the full range of materials and section shapes available. Extensively revised for this fourth edition, Materials Selection in Mechanical Design is recognized as one of the leading materials selection texts, and provides a unique and genuinely innovative resource. Features new to this edition \* Material property charts now in full color throughout \* Significant revisions of chapters on engineering materials, processes and process selection, and selection of material and shape while retaining the book's hallmark structure and subject content \* Fully revised chapters on hybrid materials and materials and the environment \* Appendix on data and information for engineering materials fully updated \* Revised and expanded end-of-chapter exercises and additional worked examples. Materials are introduced through their properties; materials selection charts (also available on line) capture the important features of all materials, allowing rapid retrieval of information and application of selection techniques. Merit indices, combined with charts, allow optimization of the materials selection process. Sources of material property data are reviewed and approaches to their use are given. Material processing and its influence on the design are discussed. New chapters on environmental issues, industrial engineering and materials design are included, as are new worked examples, exercise materials and a separate, online Instructor's Manual. New case studies have been developed to further illustrate procedures and to add to the practical implementation of the text. \* The new edition of the leading materials selection text, now with full color material property charts \* Includes significant revisions of chapters on engineering materials, processes and process selection, and selection of material and shape while retaining the book's hallmark structure and subject content \* Fully revised chapters on hybrid materials and materials and the environment \* Appendix on data and information for engineering materials fully updated \* Revised and expanded end-of-chapter exercises and additional worked examples

Selected Historical Documents

The American Promise: A Concise History, Volume 2

A History of the United States

The Essential Roark's

Reading the American Past: Volume II: From 1865

*The American Promise has long been a course favorite. Students value The American Promise for its readability, clear chronology, and lively voices of ordinary Americans, while instructors rely upon the rich content, the many documents and features, and the overall support for teaching their class their way. The American Promise provides superior formats for every use—the print book allows for a seamless reading experience while LaunchPad provides the right space for active learning assignments and dynamic course management tools that measure and analyze student progress. LaunchPad comes with a wealth of primary sources and special critical thinking activities to help students progress toward achieving learning outcomes; LearningCurve, the adaptive learning tool that students love to use to test their understanding of the text and instructors love to assign to prepare students for class; and a suite of instructor resources from videos to test banks that make teaching simpler and more effective.*

*In the old days, when Kate had no interest in romance, she never cared what other people thought. Now, it appeared, love was turning her into a rotten human being. Eleven-year-old Kate Faber wishes she could talk to her best friend, Marilyn, about this. But Marilyn is no longer her best friend. Or is she? Kate and Marilyn were always the kind of best friends who lived on the same block for their entire lives, and who agreed on what kinds of boys were worth kissing and who should be invited to their sleepover. The kind of best friends who didn't need words to talk, but who always just knew. But lately Marilyn has started to think that Kate can be a bit babyish. And Kate thinks Marilyn is acting like a big snob. Somehow nothing is the same, but secretly Kate and Marilyn both wish it could be...*

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*for teaching their class their way. The American Promise provides superior formats for every use--the print book allows for a seamless reading experience while LaunchPad provides the right space for active learning assignments and dynamic course management tools that measure and analyze student progress. LaunchPad comes with a wealth of primary sources and special critical thinking activities to help students progress toward achieving learning outcomes; LearningCurve, the adaptive learning tool that students love to use to test their understanding of the text and instructors love to assign to prepare students for class; and a suite of instructor resources from videos to test banks that make teaching simpler and more effective.*

*The American Promise has long been a course favorite for its readability, clear chronology, and the voices of Americans that animate the book. Now with new co-authors, the eighth edition continues to deliver a strong narrative with political backbone and offers a new pedagogical design that reinforces that history is a discipline rooted in debate and inquiry. The American Promise has primary sources in each chapter, a full-color map and art program, and comprehensive supplement options, including LaunchPad and a free companion sourcebook. Available for free when packaged with the print book, the popular digital assignment and assessment options for this text bring skill building and assessment to a more highly effective level. The greatest active learning options come in LaunchPad, which combines an accessible e-book with LearningCurve, an adaptive and automatically graded learning tool that--when assigned--helps ensure students read the book; the complete companion reader with comparative questions that help students build arguments from those sources; and many other study and assessment tools. For instructors who want the easiest and most affordable way to ensure students come to class prepared Achieve Read & Practice pairs LearningCurve, adaptive quizzing and our mobile, accessible Value Edition e-book, in one easy-to-use product.*

*Construction, Design Fabrication and Examination*

*The American Promise, Volume 2*

*NOLS Wilderness Medicine*

*The American Promise, Volume 1*

*Pressure Vessel Design Manual*

Designed for a first course in strength of materials, Applied Strength of Materials has long been the bestseller for Engineering Technology programs because of its comprehensive coverage, and its emphasis on sound fundamentals, applications, and problem-solving techniques. The combination of clear and consistent problem-solving techniques, numerous end-of-chapter problems, and the integration of both analysis and design approaches to strength of materials principles prepares students for subsequent courses and professional practice. The fully updated Sixth Edition. Built around an educational philosophy that stresses active learning, consistent reinforcement of key concepts, and a strong visual component, Applied Strength of Materials, Sixth Edition continues to offer the readers the most thorough and understandable approach to mechanics of materials.

This interactive book features thousands of live formulae from the classic Roark's Formulas for Stress and Strain, sixth edition, along with explanations to help students to apply the formulae to real-design problems.

The ultimate resource for designers, engineers, and analyst working with calculations of loads and stress.

The American Promise has long been a course favorite, and it has just gotten better. Students value the text's readability, clear chronology, and lively voices of ordinary Americans, while instructors rely upon the rich content, the many documents and features, and the overall support for teaching their class their way. The sixth edition introduces LaunchPad, which combines carefully-curated new assignments and assessments integrated with an e-book in its own intuitive course space. The American Promise now provides the best formats for every activity—the print book allows for a seamless reading experience while LaunchPad provides the right space for active learning assignments and dynamic course management tools that measure and analyze student progress. LaunchPad comes with a wealth of primary sources and special critical thinking activities to help students progress toward learning outcomes; LearningCurve, the adaptive learning tool that students love to use to test their understanding of the text and instructors love to assign to prepare students for class; and a suite of instructor resources from videos to test banks that make teaching simpler and more effective.

Applying the ASME Codes

The First Experiment

Applied Strength of Materials

The American Promise, Combined Edition

The Sound of Your Voice, Only Really Far Away

**Twenty Kids. Twenty points of view. One rambunctious, brilliantly conceived novel that corrals the seeming chaos (c'mon, TWENTY points of view!) into one effervescent story. Sixth grade is a MOST confusing time. Best friends aren't friends anymore. Worst enemies suddenly want to be partners in crime. And classmates you thought you knew have all sorts of surprising stuff going on. The kids in Mrs. Herrera's class are dealing with all these things and more—specifically, three more: 1. There's a new girl who just seems to be spying on them all and scribbling things in a notebook. Maybe she IS a spy? 2. Someone is stealing all of Mrs. Herrera's most treasured items. 3. Their old classmate, Sam, keeps showing up and no one knows why...until they do. Which leads to a fourth problem. But we can't tell you about that yet. The twenty kids in Mrs. Herrera's classroom can, though, and they do. Every. Single. One. Of. Them.**

**Phineas L. MacGuire . . . Erupts!**