Meriam Kraige Dynamics Solution Bing

Jungle Tales of TarzanEngineering Mechanics, Dynamics, Study GuideLiving ReligionStatics – Formulas and ProblemsBeer CapturedStrength Of MaterialsEngineering MechanicsThe Intel MicroprocessorsIntroduction to StaticsDynamicsA Short Introduction to Quantum Information and Quantum ComputationLiving ReligionDynamicsEngineering MechanicsStudent Solutions Manual for Zill/Wright's Differential Equations with Boundary-Value Problems, 8thOnline Solutions Manual for Engineering MechanicsInternational Conference on Electric Railways in a United EuropeEngineering Mechanics Statics & DynamicsNeuromechanics of Human MovementReuse Methodology ManualEngineering MechanicsElectrical Engineering in Context: Smart Devices, Robots & CommunicationsFerdinand and IsabellaNumerical Problems In Physics For Class XiRadarPrinciples of DynamicsEngineering Mechanics 3DynamicsIntelligent Structural SystemsEngineering Mechanics of MaterialsElements of Deductive InferenceHandbook of Fibre Rope Technology5 Steps to a 5 500 AP Physics 1 Questions to Know by Test DayVision and NavigationMechanics of Materials – Formulas and ProblemsSchaum's Outline of Engineering Mechanics DynamicsFluid Mechanics and Pipe FlowAdvanced Biology for YouSolving Statics Problems with MatlabDynamics

Jungle Tales of Tarzan

Silicon technology now allows us to build chips consisting of tens of millions of transistors. This technology not only promises new levels of system integration onto a single chip, but also presents significant challenges to the chip designer. As a result, many ASIC developers and silicon vendors are re-examining their design methodologies, searching for ways to make effective use of the huge numbers of gates now available. These designers see current design tools and methodologies as inadequate for developing million-gate ASICs from scratch. There is considerable pressure to keep design team size and design schedules constant even as design complexities grow. Tools are not providing the productivity gains required to keep pace with the increasing gate counts available from deep submicron technology. Design reuse - the use of pre-designed and pre-verified cores - is the most promising opportunity to bridge the gap between available gate-count and designer productivity. Reuse Methodology Manual for System-On-A-Chip Designs, Second Edition outlines an effective methodology for creating reusable designs for use in a System-on-a-Chip (SoC) design methodology. Silicon and tool technologies move so quickly that no single methodology can provide a permanent solution to this highly dynamic problem. Instead, this manual is an attempt to capture and incrementally improve on current best practices in the industry, and to give a coherent, integrated view of the design process. Reuse Methodology Manual for System-On-A-Chip Designs, Second Edition will be updated on a regular basis as a result of changing technology and improved insight into the problems of design reuse and its role in producing high-quality SoC designs.

Engineering Mechanics, Dynamics, Study Guide

The field of fibre rope technology has witnessed incredible change and technological advance over the last few decades. At the forefront of this change has been the development of synthetic fibres and modern types of rope construction. This handbook updates the history and structural mechanics of fibre rope technology and describes the types and properties of modern rope-making materials and constructions. Following an introduction to fibre ropes, the Handbook of fibre rope technology takes a comprehensive look at rope-making materials, rope structures, properties and mechanics and covers rope production, focusing on laid strand, braided, low-twist and parallel yarn ropes. Terminations are also introduced and the many uses of rope are illustrated. The key issues surrounding the inspection and retirement of rope are identified and rope testing is thoroughly examined. The final two chapters review rope markets, distribution and liability and provide case studies from the many environments in which fibre rope is used. The Handbook of fibre rope technology is an essential reference for everyone assisting in the design, selection, use, inspection and testing of fibre rope. A comprehensive look at rope-making materials and structures, properties and mechanics Covers rope production including laid strand, braided, low-twist and parallel yarn ropes and rope terminations Rope testing is examined in depth, as well as the key issues surrounding rope retirement

Living Religion

This work and its companion, Statics, deliver a consistent problem-solving methodology for statics and present a precise and accurate treatment of the fundamentals of dynamics. Features include: real world applications; chapter openers illustrating an application of the ideas in the chapter; and the use of visualization techniques which isolate the figures which should be studied.

Statics - Formulas and Problems

ELECTRICAL ENGINEERING IN CONTEXT: SMART DEVICES, ROBOTS & COMMUNICATIONS by bestselling author Roman Kuc describes the basic components and technologies that make today's computer-assisted systems operate and cooperate, inviting the reader to understand by participating in the design process. Directed at the undergraduate electrical engineering student, this book starts with the basics and requires a working knowledge of algebra. Rather than simple plug-and-chug exercises, the book teaches sophisticated problem-solving and design tools. Students will learn through designing digital displays, extracting information from signals, and optimizing system performance through parameter value selection and observing graphical data displays. Animations showing dynamic system behavior and relating to the book figures are available through the book's companion site. At the completion of the course, students will have an understanding of the

capabilities of current digital devices and ideas for possible new applications. This will benefit students in other courses requiring quantitative skills and in their profession. To help accomplish this tall order, the book is written in a graduated intensity that can be adapted to the specific needs and talents of each student: Basic commands and graphs are used in first-level problems that illustrate device performance while varying parameter values and in designs that are open-ended, driven by student curiosity. Some problems can be solved using software packages, but many exercises are for paper and pencil solution. MATLAB based examples and problems are also included for users comfortable with computer programming. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Beer Captured

Fluid mechanics is the study of how fluids move and the forces that develop as a result. Fluids include liquids and gases and fluid flow can be either laminar or turbulent. This book presents a level set based methodology that will avoid problems in potential flow models with moving boundaries. A review of the state-of-the-art population balance modelling techniques that have been adopted to describe the nature of dispersed phase in multiphase problems is presented as well. Recent works that are aimed at putting forward the main ideas behind a new theoretical approach to turbulent wall-bounded flows are examined, including a state-of-the-art review on single-phase incompressible fluid flow.

Strength Of Materials

Study faster, learn better, and get top grades Modified to conform to the current curriculum, Schaum's Outline of Engineering Mechanics: Dynamics complements these courses in scope and sequence to help you understand its basic concepts. The book offers extra practice on topics such as rectilinear motion, curvilinear motion, rectangular components, tangential and normal components, and radial and transverse components. You'll also get coverage on acceleration, D'Alembert's Principle, plane of a rigid body, and rotation. Appropriate for the following courses: Engineering Mechanics; Introduction to Mechanics; Dynamics; Fundamentals of Engineering. Features: 765 solved problems Additional material on instantaneous axis of rotation and Coriolis' Acceleration Support for all the major textbooks for dynamics courses Topics include: Kinematics of a Particle, Kinetics of a Particle, Kinematics of a Rigid Body, Kinetics of a Rigid Body, Work and Energy, Impulse and Momentum, Mechanical Vibrations

Engineering Mechanics

The Intel Microprocessors

Engineering Mechanics is the field of science that deals with the action of objects either static or dynamic, under the control of forces. Engineering mechanics engages the application of the principles of mechanics to expose the real-time engineering problems. The objective of Engineering Mechanics book is shown the problems in mechanics as applied to possibly real-world situations. The book of Engineering Mechanics covers depth explanations on mechanics problems. It explains the rest and in motion mechanisms with the use of scalar method and the SI Units are explained throughout the book. The topics of the book include introduction, laws of mechanics, various forces, center of gravity, moment of inertia and more.

Introduction to Statics

Quantum information and computation is a rapidly expanding and cross-disciplinary subject. This book, first published in 2006, gives a self-contained introduction to the field for physicists, mathematicians and computer scientists who want to know more about this exciting subject. After a step-by-step introduction to the quantum bit (qubit) and its main properties, the author presents the necessary background in quantum mechanics. The core of the subject, quantum computation, is illustrated by a detailed treatment of three quantum algorithms: Deutsch, Grover and Shor. The final chapters are devoted to the physical implementation of quantum computers, including the most recent aspects, such as superconducting qubits and quantum dots, and to a short account of quantum information. Written at a level suitable for undergraduates in physical sciences, no previous knowledge of quantum mechanics is assumed, and only elementary notions of physics are required. The book includes many short exercises, with solutions available to instructors through solutions@cambridge.org.

Dynamics

Living Religion is an exciting package for today's senior students and their teachers that: comprehensively meets the student outcomes and content requirements of the current New South Wales Stage 6 syllabus for Studies of Religion incorporates a range of different learning styles and ICT skills includes ample revision and practice exam materials provides a dynamic, online setting for cross-school student and teacher exchanges.

A Short Introduction to Quantum Information and Quantum Computation

This comprehensive, up-to-date book describes and details the wide range of modern radar systems and methods currently in use today. From system fundamentals to functional descriptions of their subsystems, the reference covers radar

principles, radar technology, and successful applications of that technology, and includes solved examples to illustrate critical principles. Appropriate for radar engineers, electrical engineers, flight test engineers, and those in related disciplines.

Living Religion

In recent years, "intelligent (sm. o. rt) structures antIIIJ/stems" has become an emerging new research area that is multidisciplinary in nature, requiring technical expertise from mechanical engineering, structural engineering, electrical engineering, applied mechanics, engineering mathematics, material science, computer science, biological science, etc. This technology is quite likely to contribute significant advancements in the design of high-performance structures, adaptive structures, high-precision systems, micro-systems, etc. Although this emerging area has been rapidly gathering momentum in the last few years, researchers are aware that to some extent only initial, but highly feasible studies of the concepts proposed have been conducted. It is obvious that many important, pertinent fundamental research subjects must yet be investigated and resolved in the near future. We have the privilege to invite a number of highly regarded research scientists and engineers to summarize and contribute the results of their years of research experience with the evolution of intelligent (smart) structures research activities, piezoelectric structures, shape memory alloy reinforced composites, applications of electrorheological fluids, intelligent sensor systems, adaptive precision trusses, damage detection, model refinement, control of axial moving continua, distributed transducers, etc. These subjects represent only a small portion of the complete picture; indeed, the fundamentally important development of smart or intelligent materials is not addressed in detail here.

Dynamics

Engineering Mechanics

A modern text for use in today's classroom! The revision of this classic text continues to provide the same high quality material seen in previous editions. In addition, the fifth edition provides extensively rewritten, updated prose for content clarity, superb new problems, outstanding instruction on drawing free body diagrams, and new electronic supplements to assist learning and instruction. If you think you have seen Meriam & Kraige before, take another look: it's not what you remember it to beit's better!

Student Solutions Manual for Zill/Wright's Differential Equations with Boundary-Value Problems, 8th

Designed to provide a more mature, in-depth treatment of mechanics this book focuses on developing a solid understanding of basic principles rather than rote learning of specific methodologies.

Online Solutions Manual for Engineering Mechanics

4. 2 Solid Circular Shafts-Angle of Twist and Shearing Stresses 159 4. 3 Hollow Circular Shafts-Angle of Twist and Shearing Stresses 166 4. 4 Principal Stresses and Strains Associated with Torsion 173 4. 5 Analytical and Experimental Solutions for Torsion of Members of Noncircular Cross Sections 179 4. 6 Shearing Stress-Strain Properties 188 *4. 7 Computer Applications 195 5 Stresses in Beams 198 5. 1 Introduction 198 5. 2 Review of Properties of Areas 198 5. 3 Flexural Stresses due to Symmetric Bending of Beams 211 5. 4 Shear Stresses in Symmetrically Loaded Beams 230 *5. 5 Flexural Stresses due to Unsymmetric Bending of Beams 248 *5. 6 Computer Applications 258 Deflections of Beams 265 I 6. 1 Introduction 265 6. 2 Moment-Curvature Relationship 266 6. 3 Beam Deflections-Two Successive Integrations 268 6. 4 Derivatives of the Elastic Curve Equation and Their Physical Significance 280 6. 5 Beam Deflections-The Method of Superposition 290 6. 6 Construction of Moment Diagrams by Cantilever Parts 299 6. 7 Beam Deflections-The Area-Moment Method 302 *6. 8 Beam Deflections-Singularity Functions 319 *6. 9 Beam Deflections-Castigliano's Second Theorem 324 *6. 10 Computer Applications 332 7 Combined Stresses and Theories of Failure 336 7. 1 Introduction 336 7. 2 Axial and Torsional Stresses 336 Axial and Flexural Stresses 342 7. 3 Torsional and Flexural Stresses 352 7. 4 7. 5 Torsional, Flexural, and Axial Stresses 358 *7. 6 Theories of Failure 365 Computer Applications 378 *7.

International Conference on Electric Railways in a United Europe

This concise and authoritative book emphasizes basic principles and problem formulation. It illustrates both the cohesiveness of the relatively few fundamental ideas in this area and the great variety of problems these ideas solve. All of the problems address principles and procedures inherent in the design and anlysis of engineering structures and mechanical systems, with many of the problems referring explicitly to design considerations.

Engineering Mechanics Statics & Dynamics

For introductory statics courses found in mechanical engineering, civil engineering, aeronautical engineering, and engineering mechanics departments. This 400 page paperback text contains all the topics and examples of the bestselling Page 6/13 hardback text, and free access to Hibbeler's Onekey course where instructors select and post assignments. All this comes with significant savings for students! Hibbeler's course contains over 3,000 Statics and Dynamics problems instructors can personalize and post for student assignments. OneKey lets instructors edit the values in a problem, guaranteeing a fresh problem for the students, and then use use MathCAD solutions worksheets to generate solutions for use in grading (and post for student review). Each problem also comes with optional student hints and an assignment guide. PHGradeAssist -Hibbeler's PHGradeassist course contains over 600 Statics and Dynamics problems an instructor can use to generate algorithmic homework. PHGA grades and tracks student answers and performance, and offers sample solutions as feedback. Students will also find a complete Activebook (cross referenced in hints) as well as a set of animations and simulations for use on-line. Professors will find complete support including Powerpoints, JPEGS, Active Learning Slides for CRS systems, Matlab/Mathcad support, and student Math Review Of course, the Hibbeler Principles book retains all it's core features that make it the most student friendly book on the market -- the most examples, 3D photrealistic artwork, Procedure for Analysis problem solving boxes, triple accuracy checking, photgraphs that teach, and a carefully-crafted, student centered design.

Neuromechanics of Human Movement

Designed to be motivating to the student, this book includes features that are suitable for individual learning. It covers the AS-Level and core topics of almost all A2 specifications. It provides many questions for students to develop their competence. It also includes sections on 'Key Skills in Biology, 'Practical Skills' and 'Study Skills'.

Reuse Methodology Manual

This book on the Strength Of Materials deals with the basic principles of the subject.All topics have been introduced in a simple manner. The book has been written mainly in the M.K.S. system of units.The book has beenprepared to suit the requirements of students preparing for A.M.I.E. degree anddiploma examinations in engineering. The chapters Shear Forces and BendingMoments, Stresses in Beams, Masonry Dams and Retaining Walls, Fixed andContinuous Beams and Columns and Struts: have been enlarged. Problems have been takenfrom A.M.I.E. and various university examinations. This editioncontains hundreds of fully solved problems besides many problems set for exerciseat the end of each chapter.

Engineering Mechanics

Explores in detail the five major religious traditions, Buddhism, Christianity, Hinduism, Islam and Christianity as well as Australian Aboriginal beliefs and spirituality.

Electrical Engineering in Context: Smart Devices, Robots & Communications

Mobile robots are playing an increasingly important role in our world. Remotely operated vehicles are in everyday use for hazardous tasks such as charting and cleaning up hazardous waste spills, construction work of tunnels and high rise buildings, and underwater inspection of oil drilling platforms in the ocean. A whole host of further applications, however, beckons robots capable of autonomous operation without or with very little intervention of human operators. Such robots of the future will explore distant planets, map the ocean floor, study the flow of pollutants and carbon dioxide through our atmosphere and oceans, work in underground mines, and perform other jobs we cannot even imagine; perhaps even drive our cars and walk our dogs. The biggest technical obstacles to building mobile robots are vision and navigation-enabling a robot to see the world around it, to plan and follow a safe path through its environment, and to execute its tasks. At the Carnegie Mellon Robotics Institute, we are studying those problems both in isolation and by building complete systems. Since 1980, we have developed a series of small indoor mobile robots, some experimental, and others for practical application. Our outdoor autonomous mobile robot research started in 1984, navigating through the campus sidewalk network using a small outdoor vehicle called the Terregator. In 1985, with the advent of DARPA's Autonomous Land Vehicle Project, we constructed a computer controlled van with onboard sensors and researchers. In the fall of 1987, we began the development of a six-legged Planetary Rover.

Ferdinand and Isabella

Over the past 50 years, Meriam & Kraige's Engineering Mechanics: Statics has established a highly respected tradition of Excellence—A Tradition that emphasizes accuracy, rigor, clarity, and applications. Now completely revised, redesigned, and modernized, the fifth edition of this classic text builds on these strengths, adding new problems and a more accessible, student-friendly presentation. Solving Statics Problems with Matlab If MATLAB is the operating system you need to use for your engineering calculations and problem solving, this reference will be a valuable tutorial for your studies. Written as a guidebook for students in the Engineering Statics class, it will help you with your engineering assignments throughout the course.

Numerical Problems In Physics For Class Xi

Focuses on the examination of forces that create entire body motion, and develops the biomechanical knowledge of the reader.

Radar

For introductory mechanics courses found in mechanical engineering, civil engineering, aeronautical engineering, and engineering mechanics departments. Better enables students to learn challenging material through effective, efficient examples and explanations.

Principles of Dynamics

Jungle Tales of Tarzan by Edgar Rice Burroughs Glorious tales of Tarzan's early growth to manhood in the forest. Tarzan, the heart of primeval Africa, escapes death on the horn of Buto the rhinoceros, saves the life of Tantor the elephant, sends the witchdoctor Bukawai to a terrible death, battle victoriously with his arch-enemy Numa the Lion, and slowly but surely fights his way to a mastery of his savage, unforgiving jungle. We are delighted to publish this classic book as part of our extensive Classic Library collection. Many of the books in our collection have been out of print for decades, and therefore have not been accessible to the general public. The aim of our publishing program is to facilitate rapid access to this vast reservoir of literature, and our view is that this is a significant literary work, which deserves to be brought back into print after many decades. The contents of the vast majority of titles in the Classic Library have been scanned from the original works. To ensure a high quality product, each title has been meticulously hand curated by our staff. Our philosophy has been guided by a desire to provide the reader with a book that is as close as possible to ownership of the original work. We hope that you will enjoy this wonderful classic work, and that for you it becomes an enriching experience.

Engineering Mechanics 3

Dynamics is the third volume of a three-volume textbook on Engineering Mechanics. It was written with the intention of presenting to engineering students the basic concepts and principles of mechanics in as simple a form as the subject allows. A second objective of this book is to guide the students in their efforts to solve problems in mechanics in a systematic manner. The simple approach to the theory of mechanics allows for the different educational backgrounds of the students. Another aim of this book is to provide engineering students as well as practising engineers with a basis to help them bridge the gaps between undergraduate studies, advanced courses on mechanics and practical engineering problems. The book contains numerous examples and their solutions. Emphasis is placed upon student participation in solving the problems. The contents of the book correspond to the topics normally covered in courses on basic engineering mechanics at universities and colleges. Volume 1 deals with Statics; Volume 2 contains Mechanics of Materials.

Dynamics

Intelligent Structural Systems

The text covers elementary logic, from statement logic through relational logic with identity and function symbols. The authors acquaint students with formal techniques at a level appropriate for undergraduates, but extends far enough and deep enough into the subject that it is suitable for a brief first-year graduate course. The text covers full and brief truth tables, and presents the method of truth (consistency) trees and natural deduction for the whole of elementary logic. The text's organization allows instructors to cover just statement logic, or statement logic combined with various extensions into predicate logic: monadic logic with or without identity, or the preceding plus relational logic with or without identity and with or without function symbols. At each stage, the instructor may elect to pursue truth trees and/or natural deduction. A final chapter provides a perspective for further study and applications of logic. The text may be used with or without the accompanying software.

Engineering Mechanics of Materials

King Ferdinand and Queen Isabella of Spain are most often remembered for the epochal voyage of Christopher Columbus. But the historic landfall of October 1492 was only a secondary event of the year. The preceding January, they had accepted the surrender of Muslim Granada, ending centuries of Islamic rule in their peninsula. And later that year, they had ordered the expulsion or forced baptism of Spain's Jewish minority, a cruel crusade undertaken in an excess of zeal for their Catholic faith. Europe, in the century of Ferdinand and Isabella, was also awakening to the glories of a new age, the Renaissance, and the Spain of the "Catholic Kings" - as Ferdinand and Isabella came to be known - was not untouched by this brilliant revival of learning. Here, from the noted historian Melveena McKendrick, is their remarkable story.

Elements of Deductive Inference

Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Handbook of Fibre Rope Technology

This concise and authoritative book emphasizes basic principles and problem formulation. It illustrates both the cohesiveness of the relatively few fundamental ideas in this area and the great variety of problems these ideas solve. All of the problems address principles and procedures inherent in the design and analysis of engineering structures and mechanical systems, with many of the problems referring explicitly to design considerations. Sample problems are

presented in a single page format with comments and cautions keyed to salient points in the solution. -- Illustrations are color coordinated to identify related ideas throughout the book (e.g., red = forces and moments, green = velocity and acceleration).

5 Steps to a 5 500 AP Physics 1 Questions to Know by Test Day

This book contains the most important formulas and more than 140 completely solved problems from Mechanics of Materials and Hydrostatics. It provides engineering students material to improve their skills and helps to gain experience in solving engineering problems. Particular emphasis is placed on finding the solution path and formulating the basic equations. Topics include: - Stress - Strain - Hooke's Law - Tension and Compression in Bars - Bending of Beams - Torsion -Energy Methods - Buckling of Bars - Hydrostatics

Vision and Navigation

Mechanics of Materials - Formulas and Problems

This book contains the most important formulas and more than 160 completely solved problems from Statics. It provides engineering students material to improve their skills and helps to gain experience in solving engineering problems. Particular emphasis is placed on finding the solution path and formulating the basic equations. Topics include: - Equilibrium - Center of Gravity, Center of Mass, Centroids - Support Reactions - Trusses - Beams, Frames, Arches - Cables - Work and Potential Energy - Static and Kinetic Friction - Moments of Inertia

Schaum's Outline of Engineering Mechanics Dynamics

Fluid Mechanics and Pipe Flow

500 Ways to Achieve Your Highest Score on the AP Physics 1 exam with this straightforward, easy-to-follow study guide—updated for all the latest exam changes From Kinematics and Dynamics to DC Circuits and Electrostatics, there is a lot of subject matter to know if you want to succeed on your AP Physics 1 exam. That's why we've selected these 500 AP-style questions and answers that cover all topics found on this exam. The targeted questions will prepare you for what you'll see on test day, help you study more effectively, and use your review time wisely to achieve your best score. Each

question includes a concise, easy-to-follow explanation in the answer key. You can use these questions to supplement your overall AP Physics 1 preparation or run them all shortly before the test. Either way, 5 Steps to a 5 500 AP Physics 1 Questions, 2ed will get you closer to achieving the score you want on your AP Physics 1 exam.

Advanced Biology for You

BEER CAPTURED Homebrew Recipes for 150 World Class Beers written by Mark and Tess Szamatulski is the sequel to CLONEBREWS Homebrew Recipes for 150 Commercial Beers. All recipes are written in three forms, extract, partial-mash and all grain. The mouth-watering descriptions of each beer also encompass the history of the beer and brewery. Information on brewing tips, serving temperature, proper glass, and food suggestions are provided with each recipe. The comprehensive charts include, Mashing Guidelines, Beer Style and Famous Beer Region Mineral Chart, Water Modification Charts, BJCP Guidelines, Hop Charts, Grain, Malt, Adjunct and Sugar Chart, and Yeast Chart. All of the recipes have been tested in a homebrew kitchen. Many of these recipes have won awards, including Best in Show and Brewers Cup in homebrew competitions. The beers chosen for this book are from all over the world, England, Belgium, Germany, Poland and the US. In the chapter, The Marriage of Food and Beer the authors share their favorite cooking with beer recipes. This book is also appeals to beer lovers; divulging the secrets of their favorite brews. The Szamatulskis have owned the largest homebrew store in Connecticut, Maltose Express for eleven years and have been cloning beer since their store has opened.

Solving Statics Problems with Matlab

Keeping students on the forefront of technology, this text offers a practical reference to all programming and interfacing aspects of the popular Intel microprocessor family.

Dynamics

Contributors from throughout the continent and even from abroad offer 39 papers on the engineering aspects of electric railroads in Europe. They cover the challenge, operation, electrification systems and equipment, propulsion, signals and telecommunications, electromagnetic compatibility, safety st

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION