Ic3 Session 2 Answers

Computer Literacy BASICS: A Comprehensive Guide to IC3Contemporary ComputingCyberheistMarketing ChannelsIntroduction to Information RetrievalMonomial Ideals and Their DecompositionsIC3: Internet and Computing Core Certification Living Online Study GuideLogic ProgrammingEngineering Mathematics Through ApplicationsA Guide to Educational Systems Around the WorldSentiment Analysis for Social MediaBritish Books in PrintLos Angeles TimesCompTIA Strata IT Fundamentals All-in-One Exam Guide (Exam FC0-U41)The Future of Software Quality AssuranceThe National Union Catalog, Pre-1956 ImprintsThe National Elementary PrincipalComputer Literacy BASICSDigital Technologies: Sustainable Innovations for Improving Teaching and LearningWhitaker's Cumulative Book ListIC3: Internet and Computing Core Certification Computing Fundamentals Study GuideIllustrated TimesUser Centric MediaFundamentals of Computer SecuritySmart and Sustainable Planning for Cities and RegionsThe National Union Catalog, Pre-1956 ImprintsNCES Handbook of Survey MethodsCommunity Mitigation Guidelines to Prevent Pandemic Influenza - United States, 2017A Classical Introduction to Cryptography Exercise BookBlack IcePassages Level 2 Student's Book BComputer Science – CACIC 2017Management Information SystemsGo! All in OneIC3: Internet and Computing Core Certification Global Standard 4 Study GuideAdvanced Information Systems EngineeringTraining From the Back of the Room!Citizenship and Education in Twenty-eight

Countries"The" Illustrated London NewsSoft Computing and Signal Processing

Computer Literacy BASICS: A Comprehensive Guide to IC3

This book constitutes the refereed proceedings of the 25th International Conference on Logic Programming, ICLP 2009, held in Pasadena, CA, USA, in July2009. The 29 revised full papers together with 9 short papers, 4 invited talks, 4 invited tutorials, and the abstracts of 18 doctoral consortium articles were carefully reviewed and selected from 69 initial submissions. The papers cover all issues of current research in logic programming, namely semantic foundations, formalisms, nonmonotonic reasoning, knowledge representation, compilation, memory management, virtual machines, parallelism, program analysis, program transformation, validation and verification, debugging, profiling, concurrency, objects, coordination, mobility, higher order, types, modes, programming techniques, abductive logic programming, answer set programming, constraint logic programming, inductive logic programming, alternative inference engines and mechanisms, deductive databases, data integration, software engineering, natural language, web tools, internet agents, artificial intelligence, bioinformatics.

Contemporary Computing

The aim of this volume entitled Digital Technologies: Sustainable Innovations for improving Teaching and Learning is to contribute in the global discussion on digital technologies as the means to foster sustainable educational innovations for improving the teaching, learning and assessment from K-12 to Higher Education. It compiles papers presented at the CELDA (Cognition and Exploratory Learning in the Digital Age) conference, which has as its goal continuing to address these challenges and promote the effective use of new tools and technologies to support teaching, learning and assessment. The book consists of four parts and showcases how emerging educational technologies and innovative practices have been used to address core global educational challenges; spanning from rethinking and transforming learning environments across educational contexts to effectively cultivating students' competences for the digital smart society of the future. The book comprises Part I: Transforming the Learning Environment; Part II: Enriching student learning experiences; Part III: Measuring and Assessing Teaching and Learning with Educational Data Analytics; Part IV: Cultivating student competences for the digital Smart society. It targets researchers and research students, educational professional practitioners (including teachers, educators and education leaders) as well as education policy makers, who are interested in keeping up-to-date on the global development in this field.

Cyberheist

This volume constitutes the refereed proceedings of the Fourth International Conference on Contemporary Computing, IC3 2010, held in Noida, India, in August 2011. The 58 revised full papers presented were carefully reviewed and selected from 175 submissions.

Marketing Channels

Introduction to Information Retrieval

This book constitutes the thoroughly refereed post-conference proceedings of the First International Conference, UCMedia 2009, which was held on 9-11 December 2009 at Hotel Novotel Venezia Mestre Castellana in Venice, Italy. The conference`s focus was on forms and production, delivery, access, discovery and consumption of user centric media. After a thorough review process of the papers received, 23 were accepted from open call for the main conference and 20 papers for the workshops.

Monomial Ideals and Their Decompositions

IC3: Internet and Computing Core Certification Living Online Study Guide

This text teaches maths in a step-by-step fashion – ideal for students on first-year engineering and pre-degree courses. - Hundreds of examples and exercises, the majority set in an applied engineering context so that you immediately see the purpose of what you are learning - Introductory chapter revises indices, fractions, decimals, percentages and ratios - Fully worked solutions to every problem on the companion website at www.palgrave.com/engineering/singh plus searchable glossary, e-index, extra exercises, extra content and more!

Logic Programming

This book constitutes revised selected papers from the 23rd Argentina Congress on Computer Science, CACIC 2017, held in La Plata, Argentina, in October 2017. The 28 papers presented in this volume were carefully reviewed and selected from a total of 132 submissions. They were organized in topical sections named: intelligent agents and systems; distributed and parallel processing; computer technology applied education; graphic computation, images and visualization; software engineering; databases and data mining; hardware architectures, networks and operating systems; innovation in software systems; signal processing

and real-time systems; computer security; and innovation in computer science education.

Engineering Mathematics Through Applications

A Guide to Educational Systems Around the World

Sentiment analysis is a branch of natural language processing concerned with the study of the intensity of the emotions expressed in a piece of text. The automated analysis of the multitude of messages delivered through social media is one of the hottest research fields, both in academy and in industry, due to its extremely high potential applicability in many different domains. This Special Issue describes both technological contributions to the field, mostly based on deep learning techniques, and specific applications in areas like health insurance, gender classification, recommender systems, and cyber aggression detection.

Sentiment Analysis for Social Media

British Books in Print

Hands-on IC3 prep, with expert instruction and loads of tools IC3: Internet and Computing Core Certification Global Standard 4 Study Guide is the ideal all-in-one resource for those preparing to take the exam for the internationally-recognized IT computing fundamentals credential. Designed to help candidates pinpoint weak areas while there's still time to brush up, this book provides one hundred percent coverage of the exam objectives for all three modules of the IC3-GS4 exam. Readers will find clear, concise information, hands-on examples, and self-paced exercises that demonstrate how to perform critical tasks. This useful guide includes access to a robust set of learning tools, including chapter review questions, a practice test environment, electronic flashcards, and author videos that explain complex topics. The certification consists of three separate exams: Computing Fundamentals, Key Applications, and Living Online. Candidates are given fifty minutes to answer forty-five questions, so rapid recall and deep understanding are critical to success. IC3: Internet and Computing Core Certification Global Standard 4 Study Guide provides expert instruction on everything candidates need to know, including hardware, software, networking, and more. Review operating system basics and common application features Understand troubleshooting and safe computing Learn basic word processing, spreadsheet, presentation, and database activities Study networking concepts, digital communication, and research fluency The exam includes both multiple choice and performance-based questions, and this guide provides plenty of both so

candidates can get comfortable with both material and format. More than just a memorization tool, this book helps exam candidates understand the material on a fundamental level, giving them a greater chance of success than just going it alone. For the IC3 candidate who's serious about certification, IC3: Internet and Computing Core Certification Global Standard 4 Study Guide is the complete, hands-on exam prep guide.

Los Angeles Times

This textbook on combinatorial commutative algebra focuses on properties of monomial ideals in polynomial rings and their connections with other areas of mathematics such as combinatorics, electrical engineering, topology, geometry, and homological algebra. Aimed toward advanced undergraduate students and graduate students who have taken a basic course in abstract algebra that includes polynomial rings and ideals, this book serves as a core text for a course in combinatorial commutative algebra or as preparation for more advanced courses in the area. The text contains over 600 exercises to provide readers with a hands-on experience working with the material; the exercises include computations of specific examples and proofs of general results. Readers will receive a firsthand introduction to the computer algebra system Macaulay2 with tutorials and exercises for most sections of the text, preparing them for significant computational work in the area. Connections to non-monomial areas of abstract

algebra, electrical engineering, combinatorics and other areas of mathematics are provided which give the reader a sense of how these ideas reach into other areas.

CompTIA Strata IT Fundamentals All-in-One Exam Guide (Exam FC0-U41)

This open access book, published to mark the 15th anniversary of the International Software Quality Institute (iSQI), is intended to raise the profile of software testers and their profession. It gathers contributions by respected software testing experts in order to highlight the state of the art as well as future challenges and trends. In addition, it covers current and emerging technologies like test automation, DevOps, and artificial intelligence methodologies used for software testing, before taking a look into the future. The contributing authors answer questions like: "How is the profession of tester currently changing? What should testers be prepared for in the years to come, and what skills will the next generation need? What opportunities are available for further training today? What will testing look like in an agile world that is user-centered and fast-paced? What tasks will remain for testers once the most important processes are automated?" iSQI has been focused on the education and certification of software testers for fifteen years now, and in the process has contributed to improving the quality of software in many areas. The papers gathered here clearly reflect the numerous ways in which software

quality assurance can play a critical role in various areas. Accordingly, the book will be of interest to both professional software testers and managers working in software testing or software quality assurance.

The Future of Software Quality Assurance

When a novel influenza A virus with pandemic potential emerges, nonpharmaceutical interventions (NPIs) often are themost readily available interventions to help slow transmission of the virus in communities, which is especially important before a pandemic vaccine becomes widely available. NPIs, also known as community mitigation measures, are actions that persons and communities can take to help slow the spread of respiratory virus infections, including seasonal and pandemic influenza viruses.These guidelines replace the 2007 Interim Pre-pandemic Planning Guidance: Community Strategy for Pandemic Influenza Mitigation in the United States - Early, Targeted, Layered Use of Nonpharmaceutical Interventions (https: //stacks.cdc.gov/view/ cdc/11425). Several elements remain unchanged from the 2007 guidance, which described recommended NPIs and the supporting rationale and key concepts for the use of these interventions during influenza pandemics. NPIs can be phased in, or layered, on the basis of pandemic severity and local transmission patterns over time. Categories of NPIs include personal protective measures for everyday use (e.g., voluntary home isolation of ill persons, respiratory etiquette, and hand hygiene);

personal protective measures reserved for influenza pandemics (e.g., voluntary home quarantine of exposed household members and use of face masks in community settings when ill); community measures aimed at increasing social distancing (e.g., school closures and dismissals, social distancing in workplaces, and postponing or canceling mass gatherings); and environmental measures (e.g., routine cleaning of frequently touched surfaces).Several new elements have been incorporated into the 2017 guidelines. First, to support updated recommendations on the use of NPIs, the latest scientific evidence available since the influenza A (H1N1)pdm09 pandemic has been added. Second, a summary of lessons learned from the 2009 H1N1 pandemic response is presented to underscore the importance of broad and flexible prepandemic planning. Third, a new section on community engagement has been included to highlight that the timely and effective use of NPIs depends on community acceptance and active participation. Fourth, to provide new or updated pandemic assessment and planning tools, the novel influenza virus pandemic intervals tool, the Influenza Risk Assessment Tool, the Pandemic Severity Assessment Framework, and a set of prepandemic planning scenarios are described

The National Union Catalog, Pre-1956 Imprints

Marketing Channels: A Management View, a market leader, is known to provide a management focus and managerial framework to the field of marketing channels.

Theory, research, and practice are covered thoroughly and blended into a discussion that stresses decision making implications. This new edition reflects global, socio-cultural, environmental, and technological changes that have taken place within the industry. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The National Elementary Principal

Computer Literacy BASICS

This book comprises a selection of the top contributions presented at the second international conference "Smart and Sustainable Planning for Cities and Regions 2017", held in March 2017 in Bolzano, Italy. Featuring forty-six papers by policy-makers, academics and consultants, it discusses current groundbreaking research in smart and sustainable planning, including the progress made in overcoming cities' challenges towards improving the quality of life. Climate change adaptation and mitigation of global warming, generally identified as drivers of global policies, are just the "tip of the iceberg" when it comes to smart energy transition. Indeed, equally relevant towards this current transformation – and key topics in this volume – are ICTs, public spaces and society; next economy for the city; strategies

and actions for good governance; urban-rural innovation; rethinking mobility. The book's depth in understanding and insightfulness in re-thinking demonstrate the breaking of new ground in smart and sustainable planning. A new ground that policy-makers, academics and consultants may build upon as a bedrock for smart and sustainable planning.

Digital Technologies: Sustainable Innovations for Improving Teaching and Learning

Bring your computer literacy course back to the BASICS. COMPUTER LITERACY BASICS: A COMPREHENSIVE GUIDE TO IC3 provides an introduction to computer concepts and skills, which maps to the newest Computing Core Certification (IC3) standards. Designed with new learners in mind, this text covers Computing Fundamentals, Key Applications, and Living Online - everything students need to pass the IC3 exam, and finish the course as confident computer users. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Whitaker's Cumulative Book List

IC3: Internet and Computing Core Certification Computing Fundamentals Study Guide

Dive back into RITA Award-winner Anne Stuart's dark tale of unlikely love with Black Ice. BLACK ICE Living paycheck to paycheck in Paris, American book translator Chloe Underwood would give anything for some excitement and passion -- even a little danger. But when she's offered a lucrative weekend gig translating at a business conference in a remote chateau, she jumps at the chance to shake things up. Then by chance Chloe discovers her employers are anything but the entrepreneurs they appear, and suddenly she knows far too much. Her clients are illegal arms dealers, and one of them is ordered to kill her. But instead, Bastien Toussaint drags Chloe away, and the next thing she knows she's on the run with the most terrifying and seductive man she's ever met. Titles originally published in 2005.

Illustrated Times

From Sharon L. Bowman, the author of the best-selling Ten-Minute Trainer, comes the dynamic new book, Training from the BACK of the Room! This innovative resource introduces 65 training strategies that are guaranteed to deliver outstanding training results no matter what the topic, group, or learning

environment. Now, trainers can replace the traditional "Trainers talk; learners listen" paradigm with a radical new model for designing and delivering instruction: "When learners talk and teach, they learn."

User Centric Media

"All-in-One is All You Need." Get complete coverage of all material included on the CompTIA Strata IT Fundamentals exam inside this comprehensive resource. Written by leading CompTIA certification and training experts, this authoritative guide covers exam FC0-U41 in full detail. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. Designed to help you pass the exam with ease, this definitive volume also serves as an essential on-the-job reference. COVERS ALL EXAM TOPICS, INCLUDING: How computers work Processing components Common and advanced input/output devices Common and advanced storage devices Configuring the operating system Maintaining computers Upgrading hardware and software Printers Wired and wireless networks Connecting to the Internet Local and Internet security CD-ROM FEATURES: Two practice exams An "Introduction to Strata" video by Mike Meyers E-Book Scott Jernigan, CompTIA Strata, CompTIA A+, CompTIA Network+, IC3, MCP, is editor in chief for Total Seminars LLC, a major provider of PC and network repair seminars for thousands of organizations throughout the world. He is coauthor, with Mike Meyers, of the bestselling CompTIA A+

Certification All-in-One Exam Guide, Fifth Edition, and he has written, edited, and contributed to many other computer books. Mike Meyers, CompTIA A+ CompTIA Network+, CompTIA Security+, MCP, is the industry's leading authority on CompTIA A+ certification and training, and the bestselling author of seven editions of CompTIA A+ All-in-One Exam Guide. He is the president and founder of Total Seminars LLC and a member of CompTIA.

Fundamentals of Computer Security

Smart and Sustainable Planning for Cities and Regions

Bring your computer literacy course back to the BASICS. COMPUTER LITERACY BASICS: A COMPREHENSIVE GUIDE TO IC3 provides an introduction to computer concepts and skills, which maps to the newest Computing Core Certification (IC3) standards. Designed with new learners in mind, this text covers Computing Fundamentals, Key Applications, and Living Online everything your students need to be prepared to pass the IC3 exam, and finish the course as confident computer users. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The National Union Catalog, Pre-1956 Imprints

NCES Handbook of Survey Methods

Community Mitigation Guidelines to Prevent Pandemic Influenza - United States, 2017

This book presents selected research papers on current developments in the fields of soft computing and signal processing from the Second International Conference on Soft Computing and Signal Processing (ICSCSP 2019). The respective contributions address topics such as soft sets, rough sets, fuzzy logic, neural networks, genetic algorithms and machine learning, and discuss various aspects of these topics, e.g. technological considerations, product implementation, and application issues.

A Classical Introduction to Cryptography Exercise Book

TO CRYPTOGRAPHY EXERCISE BOOK Thomas Baignkres EPFL, Switzerland Pascal Junod EPFL, Switzerland Yi Lu EPFL, Switzerland Jean Monnerat EPFL, Switzerland

Serge Vaudenay EPFL, Switzerland Springer - Thomas Baignbres Pascal Junod EPFL - I&C - LASEC Lausanne, Switzerland Lausanne, Switzerland Yi Lu Jean Monnerat EPFL - I&C - LASEC EPFL-I&C-LASEC Lausanne, Switzerland Lausanne, Switzerland Serge Vaudenay Lausanne, Switzerland Library of Congress Cataloging-in-Publication Data A C.I.P. Catalogue record for this book is available from the Library of Congress. A CLASSICAL INTRODUCTION TO CRYPTOGRAPHY EXERCISE BOOK by Thomas Baignkres, Palcal Junod, Yi Lu, Jean Monnerat and Serge Vaudenay ISBN-10: 0-387-27934-2 e-ISBN-10: 0-387-28835-X ISBN- 13: 978-0-387-27934-3 e-ISBN-13: 978-0-387-28835-2 Printed on acid-free paper. O 2006 Springer Science+Business Media, Inc. All rights reserved. This work may not be translated or copied in whole or in part without the written permission of the publisher (Springer Science+Business Media, Inc., 233 Spring Street, New York, NY 10013, USA), except for brief excerpts in connection with reviews or scholarly analysis. Use in connection with any form of information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now know or hereafter developed is forbidden. The use in this publication of trade names, trademarks, service marks and similar terms, even if the are not identified as such, is not to be taken as an expression of opinion as to whether or not they are subject to proprietary rights. Printed in the United States of America.

Black Ice

Passages Level 2 Student's Book B

Intended primarily for courses in computer concepts and office applications, this text also provides practical content to current and aspiring industry professionals. This book teaches computer concepts and applications together. It engages readers rightaway by using a jobs-focused approach that integrates computer concepts and applications into practical combinations of concepts and skills in the context of a job. With this approach, readers learn how to work in the real world where they will solve problems using computer concepts and skills related to the Internet, Microsoft Office 2013 applications, collaboration, social media, and cloud computing.

Computer Science – CACIC 2017

Use the Internet safely and ethically in preparation for the IC3exam IC3: Internet and Computing Core Certification Living OnlineStudy Guide is your ideal study guide to focus on the LivingOnline exam module in preparation for the IC3 exam. This bookcovers working in a networked environment, using the Internet,electronic collaboration, and the safety issues surrounding onlinecommunication, presented in a clear, concise style. Hands-onexamples and self-paced exercises show readers how to performcritical tasks needed to pass the exam, and the companion

websiteoffers study tools including the Sybex test engine, apre-assessment test, practice questions, and videos. You will alsohave access to over one hundred electronic flashcards, and thechapter files needed to complete the exercises in the book. The Internet and Computing Core Certification exam measures acandidate on key and fundamental computing skills, ensuring theirability to get the most value and impact from computer technology.This guide focuses on the Living Online module of the IC3, testingyour skills and solidifying your understanding in preparation forthe exam. Review the basics of electronic communication andcollaboration Master internet navigation and the networked environment Understand computing and the Internet's impact on society atlarge Brush up on the safety, ethical, and responsibility issues ofInternet use When you are serious about certification, IC3 providesthe practice that inspires self-confidence.

Management Information Systems

This reference work looks at modern concepts of computer security. It introduces the basic mathematical background necessary to follow computer security concepts before moving on to modern developments in cryptography. The concepts are presented clearly and illustrated by numerous examples. Subjects covered include: private-key and public-key encryption, hashing, digital signatures, authentication, secret sharing, group-oriented cryptography, and many others. The section on intrusion detection and access control provide examples of security

systems implemented as a part of operating system. Database and network security is also discussed. The final chapters introduce modern e- business systems based on digital cash.

Go! All in One

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

IC3: Internet and Computing Core Certification Global Standard

4 Study Guide

Advanced Information Systems Engineering

Training From the Back of the Room!

CAiSE 2008wasthe20thinthe seriesofInternationalConferencesonAdvanced Information System Engineering. This edition continued the success of previous conferences, a success largely due to that fact that, since its ?rst edition, this series has evolvedin parallelwith the evolutionofthe importance ofinformation systems in economic development. CAiSE has been able to follow, and often to anticipate, important changes that have occurred since 1978 when the ?rst CAiSE conference was organized by Arne Sølvberg and Janis Bubenko. In all these years, modern businesses and IT systems have been facing an ever more complex environment characterized by openness, variety and change. Furthermore, enterprises are experiencing ever more variety in their business in many dimensions. In the same way, the explosion of information technologies is overwhelming with a multitude of languages, platforms, devices, standards and products. Thus enterprises need to manage an environment to monitor the

interplay of changes in the business processes, in information technologies, and at the ontological level, in order to achieve a sustainable development of their information systems. Enterprises must enter the era of sustainable information systems to face the important developmental challenges. During all these years, CAiSE researchers have been challenged by all these changes,andtheCAiSEconferencesprovideaforumforpresentinganddebating important scienti?c results. In fact, CAiSE is positioned at the core of these tumultuousprocesses,hostingnewemergingideas,fosteringinnovativeprocesses of design and evaluation, developing new information technologies adapted to information systems, creating new kinds of models, but always being subject to rigorous scienti?c selection.

Citizenship and Education in Twenty-eight Countries

Test how well you know your way around a computer for the IC3exam IC3: Internet and Computing Core Certification ComputingFundamentals Study Guide is your ideal study guide to focus onthe Computing Fundamentals exam module in preparation for the IC3exam. This book covers hardware, software, peripherals, operatingsystems, and basic troubleshooting, presented in a clear, concisestyle. Hands-on examples and self-paced exercises show you how toperform critical tasks needed to pass the exam, and the companionwebsite offers a diverse set of study tools including the Sybextest engine, a preassessment test, practice questions, and

videos.Readers also gain access to electronic flashcards, and the chapterfiles needed to complete the exercises in the book. This guide focuses on the Computing Fundamentals module helpingyou test your skills and solidify your understanding in preparationfor the exam. Review the various hardware components essential to thecomputer Understand which peripherals are crucial, and which are nice tohave Brush up on basic troubleshooting for common minor issues Master your operating system and fundamental software When you are serious about certification, IC3 providesthe practice that inspires self-confidence.

"The" Illustrated London News

Passages, Third Edition, is a two-level, multi-skills course that will quickly and effectively move adult and young-adult learners of English from high-intermediate to the advanced level. Student's Book B comprises the second half (Units 7-12) of the complete Level 2 Student's Book. Each of the Passages, Third Edition, Student's Books have been updated to offer fresh, contemporary content, relevant speaking and listening activities, comprehensive grammar and vocabulary support, enhanced reading skills development, and a step-by-step academic writing strand. Frequent communication reviews will systematically consolidate learning, while the popular Grammar Plus and new Vocabulary Plus sections in the back of the Student's Book provide additional skills support.

Soft Computing and Signal Processing

This volume reports on ' students' knowledge of fundamental principles of democracy; their skills in interpreting political communication; their concepts of democracy and citizenship; their attitudes related to trust in institutions, the nation, immigrants' opportunities, and women's political rights; and their expectation for future participation in civic-related activities.'

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