

2013 Cxc Mathematics Paper

Vol. 1: This is the first in a six volume compendium on the correspondences of John Wallis (1616-1703). Wallis was Savilian Professor of Geometry at Oxford from 1649 until his death, and was a founding member of the Royal Society and a central figure in the scientific and intellectual history of England.

This study features a collection of eight case studies of exemplary cases from secondary schools as well as international literature reviews and policy analysis related to formative assessment.

Fuzzy Models and Algorithms for Pattern Recognition and Image Processing presents a comprehensive introduction of the use of fuzzy models in pattern recognition and selected topics in image processing and computer vision. Unique to this volume in the Kluwer Handbooks of Fuzzy Sets Series is the fact that this book was written in its entirety by its four authors. A single notation, presentation style, and purpose are used throughout. The result is an extensive unified treatment of many fuzzy models for pattern recognition. The main topics are clustering and classifier design, with extensive material on feature analysis relational clustering, image processing and computer vision. Also included are numerous figures, images and numerical examples that illustrate the use of various models involving applications in medicine, character and word recognition, remote sensing, military image analysis, and industrial engineering.

Some of the key benefits of studying from Oswaal Question Banks are - Chapter-wise/ Topic-wise presentation for systematic and methodical study • Strictly based on the latest CBSE Curriculum issued for Academic Year 2020-2021, following the latest NCERT Textbook and Exemplar • Previous Years' Question Papers with Marking Scheme & Toppers' Answers for exam-oriented study • Remembering, Understanding, Application, Analysing & Evaluation and Creation Based Question based on Bloom's Taxonomy for cognitive skills development • Latest Typologies of Questions developed by Oswaal Editorial Board included • Mind Maps in each chapter for making learning simple • *Most likely Questions* generated by Oswaal Editorial Board with 100+ years of teaching experience • Suggested videos at the end of each chapter for a Hybrid Learning Experience **IMPORTANT FEATURES OF THE BOOK: Self-Study Mode • Chapter wise/Topic wise Previous Years' Board Examination Questions to facilitate focused study • Latest Board solved paper along with Marking Scheme and Handwritten Topper's Answers for practice Exam Preparatory Material • Answers of CBSE Marking Scheme up to March 2019 Exam with detailed explanations to score full marks in exams • Answering Tips & Commonly Made Errors for clearer thinking All-In-One • Revision notes, Mind Maps & Grammar charts facilitate quick revision of chapters • NCERT & Oswaal 150+ concept videos for digital learning**

A World of Prose

Collins Physics Workbook for Csec

How to Improve Speed Reading Skills

Subtracting Fractions

Third Edition

Untangling the Organizational Environment With the Spelt Leadership Tool

Linguists, researchers, and other practitioners in language education acknowledge that the resolution of language problems associated with breaking down language and cultural barriers that hinder the growth of learners' self-identities and national identities is ongoing. In fact, even with decades of research in home language use in the classroom, there are still classrooms worldwide where learners are deprived of the opportunity of building their self-esteem, confidence, and autonomy by communicating with their native language. The global nature of communication requires speakers to use all the languages in their repertoire effectively, thus reinforcing the need to encourage home language use in classrooms. Transformative Pedagogical Perspectives on Home Language Use in Classrooms is a cutting-edge research publication on the effective use of home language in the classroom that emphasizes the significance of this activity to the success of the overall language development of the learner. Particular attention is given to transformative pedagogy and the provision of valuable insights into how the teacher can guide and assist learners in the development of critical thinking skills. In addition, the book provides content that enables practitioners in language education and parents to explore their roles in assisting children in breaking down the language and cultural barriers that hinder the growth of their self-identity and national identity. Highlighting topics such as engineering education, cultural responsiveness, and transformative pedagogy, this book is essential for linguists, academicians, education professionals, curriculum designers, policymakers, administrators, instructional designers, researchers, and students.

"This book covers the basics of traditional educational testing, measurement, and evaluation theory and methodology, as well as sociopolitical issues and trends influencing the future of that research and practice"--Publisher's description.

Although the terms "data mining" and "knowledge discovery and data mining" (KDDM) are sometimes used interchangeably, data mining is actually just one step in the KDDM process. Data mining is the process of extracting useful information from data, while KDDM is the coordinated process of understanding the business and mining the data in order to id

Winner of the AECT Division of Distance Learning (DDL) Distance Education Book Award! This handbook provides a comprehensive compendium of research in all aspects of mobile learning, one of the most significant ongoing global developments in the entire field of education. Rather than focus on specific technologies, expert authors discuss how best to utilize technology in the service of improving teaching and learning. For more than a decade, researchers and practitioners have been exploring this area of study as the growing popularity of smartphones, tablets, and other such devices, as well as the increasingly sophisticated applications for these devices, has allowed educators to accommodate and support an increasingly mobile society. This handbook provides the first authoritative account of the theory and research that underlies mobile learning, while also exemplifying models of current and future practice.

Certificate Mathematics

A Revision Course for the Caribbean

IB Physics Course Book

Transformative Pedagogical Perspectives on Home Language Use in Classrooms

An Approach to the Quantum Many-Body Problem

Forms of Mathematical Knowledge

This CAPE Economics Multiple Choice Practice book is an invaluable exam preparation aid for CAPE Economics students. This book provides excellent practice for the multiple choice questions from Paper 1 of the CAPE examination, and has been specially written to help CAPE Economics students improve their Paper 1 exam score.

This textbook follows closely the latest syllabus issued by the Ministry of Education, Singapore. It emphasises the understanding of mathematical concepts using a clear and systematic approach.

The primary goal of these lectures is to introduce a beginner to the finite dimensional representations of Lie groups and Lie algebras. Since this goal is shared by quite a few other books, we should explain in this Preface how our approach differs, although the potential reader can probably see this better by a quick browse through the book. Representation theory is simple to define: it is the study of the ways in which a given group may act on vector spaces. It is almost certainly unique, however, among such clearly delineated subjects, in the breadth of its interest to mathematicians. This is not surprising: group actions are ubiquitous in 20th century mathematics, and where the object on which a group acts is not a vector space, we have learned to replace it by one that is (e. g., a cohomology group, tangent space, etc.). As a consequence, many mathematicians other than specialists in the field (or even those who think they might want to be) come in contact with the subject in various ways. It is for such people that this text is designed. To put it another way, we intend this as a book for beginners to learn from and not as a reference. This idea essentially determines the choice of material covered here. As simple as is the definition of representation theory given above, it fragments considerably when we try to get more specific.

Author has written several excellent Springer books., This book is a sequel to Introduction to Topological Manifolds; Careful and illuminating explanations, excellent diagrams and exemplary motivation; Includes short preliminary sections before each section explaining what is ahead and why

Studies in Mathematics and Mechanics

CXC Study Guide: Mathematics for CSEC®

History of Tofu and Tofu Products (965 CE to 2013)

Cases of Assessment in Mathematics Education

First International Conference, GSI 2013, Paris, France, August 28-30, 2013, Proceedings

An ICMJ Study

This is the first book on multivariate analysis to look at large data sets which describes the state of the art in analyzing such data. Material such as database management systems is included that has never appeared in statistics books before.

The present book, Cases of Assessment in Mathematics Education, is one of two studies resulting from an ICMJ Study Conference on Assessment in Mathematics Education and Its Effects. The book which is published in the series of ICMJ Studies under the general editorship of the President and Secretary of ICMJ is closely related to another study resulting from the same conference: Investigations into Assessment in Mathematics Education (Nies, 1992). The two books, although originating from the same sources and having the same editor, emphasize different aspects of assessment in mathematics education and can be read independently of one another. While the present book is devoted to presenting and discussing cases of assessment that are actually implemented, the other study attempts to critically analyze general and principal aspects of assessment. Naturally, the content of either book is enriched by the materials and perspectives provided by the other one. In order to put this book and its background into context, the nature and scope of the ICMJ studies are outlined briefly below.

Newly revised in line with the latest syllabus and with a modernised, student-friendly design, including a truly interactive CD which provides additional practice for students and brings lab work to life with exciting activities and simulations.

Studies in Mathematics and Mechanics is a collection of studies presented to Professor Richard von Mises as a token of reverence and appreciation on the occasion of his seventieth birthday which occurred on April 19, 1953. von Mises' thought has been a stimulus in many seemingly unconnected fields of mathematics, science, and philosophy, to which he has contributed decisive results and new formulations of fundamental concepts. The book contains 42 chapters organized into five parts. Part I contains papers on algebra, number theory and geometry. These include a study of Poincaré's representation of a hyperbolic space on an Euclidean half-space and elementary estimates for the least primitive root. Part II on analysis includes papers on a generalization of Green's Formula and its application to the Cauchy problem for a hyperbolic equation, and the fundamental solutions of a singular Beltrami operator. Part III deals with theoretical mechanics and covers topics such as turbulent flow, axially symmetric flow, and oscillating wakes. The papers in Part IV focus on applied mechanics. These include studies on plastic flow under high stresses and the problem of inelastic thermal stresses. Part V presents studies on probability and statistics, including a finite frequency theory of probability and the problem of expansion of clusters of galaxies.

Annual Volume 2013

The Core Course for A-level

Mathematics and Its Teaching in the Southern Americas

Physics for CSEC

for the IB Diploma

The Spelt Power Matrix

"Integers" is a refereedonline journal devoted to research in the area of combinatorial number theory. It publishes original research articles in combinatorics and number theory. Topics covered by the journal include additive number theory, multiplicative number theory, sequences and sets, extremal combinatorics, Ramsey theory, elementary number theory, classical combinatorial problems, hypergraphs, and probabilistic number theory. Integers also houses a combinatorial games section. This work presents all papers of the 2013 volume in book form.

Developed exclusively with the Caribbean Examinations Council, this Study Guide will provide you with the support to maximise your performance in CSEC Mathematics. Written by a team of experts in the syllabus and the examination, this Study Guide covers all the essential information in an easy-to-use double page spread format and with online support. Each topic begins with key learning outcomes and contains a range of features to enhance your study of the subject.

Density Functional Theory (DFT) has firmly established itself as the workhorse for atomic-level simulations of condensed phases, pure or composite materials and quantum chemical systems. This work offers a rigorous and detailed introduction to the foundations of this theory, up to and including such advanced topics as orbital-dependent functionals as well as both time-dependent and relativistic DFT. Given the many ramifications of contemporary DFT, the text concentrates on the self-contained presentation of the basics of the most widely used DFT variants: this implies a thorough discussion of the corresponding existence theorems and effective single particle equations, as well as of key approximations utilized in implementations. The formal results are complemented by selected quantitative results, which primarily aim at illustrating the strengths and weaknesses of particular approaches or functionals. The structure and content of this book allow a tutorial and modular self-study approach: the reader will find that all concepts of many-body theory which are indispensable for the discussion of DFT - such as the single-particle Green's function or response functions - are introduced step by step, along with the actual DFT material. The same applies to basic notions of solid state theory, such as the Fermi surface of inhomogeneous, interacting systems. In fact, even the language of second quantization is introduced systematically in an Appendix for readers without formal training in many-body theory.

Study Guides for CAPE have been developed and written by CXC to provide CAPE candidates in schools and colleges with resource materials to help them prepare for their exams. Matching the topics in the syllabus, the student-friendly structure and content enable students to develop their skills and confidence as they approach the examination.

STP Caribbean Maths Book 1 Third Edition

For Self-Study and Distance Learning

Representation Theory

Modern Multivariate Statistical Techniques

A First Course

Learning and Teaching with Understanding

This Physics Workbook for CSEC is a valuable activity book for CSEC Physics students. It covers all aspects of the Caribbean Examinations Council's Certificate of Secondary Education Physics syllabus. This book provides excellent practice for the structured questions from Paper 2 of the CSEC Examination and is a great aid to revision and examination practice. It has been specially written to help CSEC students maximize their exam scores.

This anthology presents a comprehensive review of mathematics and its teaching in the following nations in South America, Central America, and the Caribbean: Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Guyana, Haiti, Honduras, México, Panamá, Paraguay, Perú, Puerto Rico, Trinidad and Tobago, and Venezuela. *The last summary of mathematics education encompassing countries from the Southern Americas appeared in 1966. Progress in the field during five decades has remained unexamined until now. Contents:*ARGENTINA: A Review of Mathematics Education through Mathematical Problems at the Secondary Level (Betina Duarte)BOLIVIA: An Approach to Mathematics Education in the Plurinational State (A Part)BRAZIL: History and Trends in Mathematics Education (Beatriz S D'Ambrosio, Juliana Martins, and Viviane de Oliveira Santos)CHILE: The Context and Pedagogy of Mathematics Teaching and Learning (Eliana D Rojas and Fidel Oteiza)COLOMBIA: The Role of Mathematics in the Making of a Nation (Hernando J Echeverri and Angela M Restrepo)COSTA RICA: History and Perspectives on Mathematics and Mathematics Education (Angel Ruiz)CUBA: Mathematics and Its Teaching (Otilio B Mederos Anoceto, Miguel A Jiménez Pozo, and José M Sigarreta)GUYANA: The Mathematical Growth of an Emerging Nation (Mahendra Singh and Lenox Allicock)HAITI: History of Mathematics Education (Jean W Richard)HONDURAS: Origins, Development, and Challenges in the Teaching of Mathematics (Marvin Roberto Mendoza Valencia)MEXICO: The History and Development of a Nation and Its Influence on the Development of Mathematics and Mathematics Education (Eduardo Mancera and Alicia Avila)PANAMA: Towards the First World through Mathematics (Euclides Samaniego, Nicolás A Samaniego, and Benigna Fernández)PARAGUAY: A Review of the History of Mathematics and Mathematics Education (Gabriela Gómez Pasqual)PERU: A Look at the History of Mathematics and Mathematics Education (César Carranza Saravia and Uldarico Malaspina Jurado)PUERTO RICO: The Forging of a National Identity in Mathematics Education (Héctor Rosario, Daniel McGee, Jorge M López, Ana H Quintero, and Omar A Hernández)TRINIDAD and TOBAGO: Mathematics Education in the Twin Island Republic (Shereen Alma Khan and Vimala Judy Kamalodeen)VENEZUELA: Signs for the Historical Reconstruction of Its Mathematics Education (Freddy Enrique González)Readership: Graduates and professionals in mathematics education; education planners. Key Features:Featured introduction by Professor Ubiratán D'Ambrosio of Brazil — the most prestigious of Latin American mathematics educatorsInsights into the impact of political changes of mathematics education in Cuba, Venezuela, Brazil etc.Historical references, not available elsewhere, are covered in this bookKeywords:Mathematics;Mathematics Teaching;South America;Central America;Caribbean;Mathematics Curriculum;History of Mathematics;Mathematics Education;Pedagogy in Mathematics

Supplemental materials of Caribbean History Core Course and Caribbean History Themes Vol I & II for Caribbean Secondary Examinations Council (CSEC).

Speed Reading I used to love analyzing, however ever since internet, laptops, tablets, and smartphones have become famous, reading material has increased manifold and time for reading has been reduced a great deal. Once I talked about this problem with my buddies, I came to understand that they have essentially the same problems with reading. I cannot ask you to replace good old, traditional, ordinary studying with speed reading. Not anything can replace reading word by word and absorbing the meaning of every word and every line. Latest research also backs this idea. Pace reading can come at a cost of comprehension if you aren't careful. Speed reading can, but, sincerely help if you are already greatly familiar with the topic that you are reading about. Speed reading can come on your rescue when you have to consult a lot of work for a single project or task, mainly when you are already familiar with the major principles but want to widen your expertise base concerning the subject. I want to stress the fact that there is no replacement for traditional book reading. Speed reading can, however, come in handy when you have to complete a lot of reading in a short amount of time. So keep that in mind while you are reading this book. pick up your copy today by clicking the BUY NOW button at the top of this page!

Additional Mathematics

Complete Accounting for Cambridge IGCSE & O Level

Oswaal CBSE Question Bank Chapterwise & Topicwise Solved Papers Class 12, Mathematics (For 2021 Exam)

Geometric Science of Information

Density Functional Theory

Sourcebook of Science Education Research in the Caribbean

Written for the Edexcel Syllabus B and similar schemes offered by the Awarding Bodies, this book incorporates modern approaches to mathematical understanding. It provides worked examples and exercises to support the text.

The SPLIT POWER MATRIX is a leadership tool for untangling the organizational environment from a social, political, economic, legal, intercultural and technical view. The SPLIT analysis method was developed for adult learners to have a framework for determining and formulating the answer to the question: What is? There is a need to analyze the environment in all organizations, whether you are entering a new organization or to benchmark the existing organization. The purpose of this text is to show how perceptive leaders can analyze environments in preparation for possible future action. We demonstrate how the methodology aligns with previous theories regarding environmental scanning and produces a workable framework for the perceptive leader. The SPLIT POWER MATRIX is intended for practitioners doing a market analysis or diagnosis prior to implementing transitions, benchmarking in anticipation of an intervention, and can be used by undergraduate students and seasoned practitioners.

What mathematics is entailed in knowing to act in a moment? Is tact, rhetorical knowledge significant in mathematics education? What is the role of intuitive models in understanding, learning and teaching mathematics? Are there differences between elementary and advanced mathematical thinking? Why can't students prove? What are the characteristics of teachers' ways of knowing? This book focuses on various types of knowledge that are significant for learning and teaching mathematics. The first part defines, discusses and contrasts psychological, philosophical and didactical issues related to various types of knowledge involved in the learning of mathematics. The second part describes ideas about forms of mathematical knowledge that are important for teachers to know and ways of implementing such ideas in preservice and in-service education. The chapters provide a wide overview of current thinking about mathematics learning and teaching which is of interest for researchers in mathematics education and mathematics educators. Topics covered include the role of intuition in mathematics learning and teaching, the growth from elementary to advanced mathematical thinking, the significance of genres and rhetoric for the learning of mathematics and the characterization of teachers' ways of knowing.

This book constitutes the refereed proceedings of the First International Conference on Geometric Science of Information, GSI 2013, held in Paris, France, in August 2013. The nearly 100 papers presented were carefully reviewed and selected from numerous submissions and are organized into the following thematic sessions: Geometric Statistics on Manifolds and Lie Groups, Deformations in Shape Spaces, Differential Geometry in Signal Processing, Relational Metric, Discrete Metric Spaces, Computational Information Geometry, Hessian Information Geometry I and II, Computational Aspects of Information Geometry in Statistics, Optimization on Matrix Manifolds, Optimal Transport Theory, Probability on Manifolds, Divergence Geometry and Ancillarity, Entropic Geometry, Tensor-Valued Mathematical Morphology, Machine/Manifold/Topology Learning, Geometry of Audio Processing, Geometry of Inverse Problems, Algebraic/Infinite dimensional/Banach Information Manifolds, Information Geometry Manifolds, and Algorithms on Manifolds.

Mathematical Reviews

Knowledge Discovery Process and Methods to Enhance Organizational Performance

The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation

CAPE Law Unit 1

Regression, Classification, and Manifold Learning

Integers

STP Maths is one of the best selling maths courses across the Caribbean. The new edition has been revised in line with the new CXC syllabus, and now includes the use of investigations with opportunities for group work. It provides complete coverage of the CXC syllabus for the CSEC examination.

THE BARTON SERIES The Barton Series was conceptualized and written with the primary objective of encouraging young students to appreciate how mathematics is used in the real world. The series explore mathematics through the creation of a model child, Barton, whose life experiences are captured through delightful, realistic, and entertaining stories. The stories span just about all the activities in which young children participate in school and with their families during their young, juvenile, carefree, and adventurous years. The authors believe that a major barrier to the learning, understanding, and appreciating mathematics is the inability of students to comprehend the language embedded in worded problems. The books, therefore, provide a novel vehicle to connect numeracy and literacy since comprehension, most assuredly, is really the key to decoding the mathematics. And so several visual props have been deliberately added in every story to assist learners who may be challenged in word recognition. The series also aims at inculcating moral and ethical values as the stories are designed to encourage good behavior and caring ways among young children. While many of the stories build on mathematics content, others focus on the process goals of mathematics such as critical thinking, problem solving, and developing positive dispositions such as respect, perseverance, and team spirit. Thus, mathematics becomes user-friendly through this methodology that seeks to eliminate anxiety and fear for the discipline. Such negative experiences have prevented thousands of students from learning mathematics throughout their lives. The series appeals to the child's curiosity and desire to have fun as they connect their life experiences to mathematics. The reader will experience meaningful encounters with mathematics and so appreciate its inherent beauty and efficacy in solving real life problems. These colorful and beautifully illustrated books will strongly complement not just the mathematics but language arts and several other curriculum areas that are incorporated at the primary level in any education system. JUDGE BARTON in the stories of Judge Barton, the reader is enchantingly teased into reading, learning, and comprehending the properties of several geometrical shapes. Barton, in his reverie encounter with these three-dimensional figures, was persuaded to act as the judge, as they competed for the prestigious title of the World's Best Shape. The shapes, displaying a plethora of human characteristics and emotions, present their case under the strict rules, guidance, and supervision imposed by Judge Barton. Their stories entertain, enrapture, and captivate the reader as each shape perseveres to reveal their individual characteristics and boast the uniqueness of their properties. The detailed descriptions of their roles and functions are charmingly blended with sound mathematical knowledge, literary sparkle, unconcealed human emotions, and the occasional dash of humor. The shape's presentations, in the keenly contested competition, were individually designed to impress the unbiased Judge Barton into awarding the title to the best shape. The stories take unusual twists and turns as the osmotic infiltration of human empathy, awareness, and reality slowly creeps in. The plot thickens as momentum gathers and attracts more than the competitors. The lessons learnt and taught, especially in the unprecedented final outcome, are most assuredly heart-warming with the numerous skills and values that were added. The reader, regardless of age, is sure to ask for more as they find delight in the mathematics of the book, not only because it is useful, but they will delight in it because it has been alloyed in beautiful literature.

Certificate Mathematics is a two-year revision course for students following the General Proficiency Syllabus in Mathematics of the Caribbean Examinations Council. It provides a programme for thorough review and consolidation of all the basic aspects of mathematics needed for success in the examination. The fourth edition of this extremely popular and successful textbook. Takes account of the latest changes to the CXC syllabuses. Incorporates a very large number of graded exercises to help student's learn by doing. Includes chapter summaries and point-to-point answers. Remember that enhance the usefulness of the book for consolidation and revision. Contains specimen tests in preparation for the multiple choice and long answer papers of the CXC examination. Used systematically, Certificate Mathematics will provide students with a firm foundation for success in their CXC mathematics examinations.

A World of Prose includes all the prescribed texts for the revised CSEC English A and English B syllabuses. It has been compiled with the approval of the Caribbean Examinations Council by Editors who have served as CSEC English panel members. - The material in this anthology will help students to prepare effectively for the CSEC examination. - The texts have been chosen to cover a wide range of themes and subjects and include a balance of well-known texts from the past as well as more recent works. - The anthology includes texts from the Caribbean and of the world to stimulate an interest in and enjoyment of reading and literature. - This collection contains notes on each text and questions to provoke discussion, as well as a useful checklist to help students with literary analysis. - The book contains practical guidance for students on how to tackle examination questions, with examples of model answers for reference.

Judge Barton

The Correspondence of John Wallis: 1672-April 1675

A Discrete Introduction

Speed Reading Guide

Improving Learning in Secondary Classrooms

Handbook of Mobile Learning

Density Functional Theory is a rapidly developing branch of many-particle physics that has found applications in atomic, molecular, solid-state and nuclear physics. This book describes the conceptual framework of density functional theory and discusses in detail the derivation of explicit functionals from first principles as well as their application to Coulomb systems. Both non-relativistic and relativistic systems are treated. The connection of density functional theory with other many-body methods is highlighted. The book is a graduate course on density functional theory.

This book has two primary objectives: It teaches students fundamental concepts in discrete mathematics (from counting to basic cryptography to graph theory), and it teaches students proof-writing skills. With a wealth of learning aids and a clear presentation, the book teaches students not only how to write proofs, but how to think clearly and present cases logically beyond this course. Overall, this book is an introduction to mathematics. In particular, it is an introduction to discrete mathematics. All of the material presented from a mathematician's perspective. While algorithms and analysis appear throughout, the emphasis is on mathematics. Students will learn that discrete mathematics is very useful, especially those whose interests lie in computer science and engineering, as well as those who plan to study how probability, statistics, operations research, and other areas of applied mathematics.

The most comprehensive match to the new 2014 Chemistry syllabus, this completely revised edition gives you unrivalled support for the new concept-based approach, the Nature of science. The only DP Chemistry resource that includes support directly from the IB, focused exam practice, TOK links and real-life applications drive achievement.

Fully mapped to the latest Cambridge syllabus, this rigorous and stretching approach strengthens foundations for Cambridge exam achievements, with support for the updated assessments. Prepare students for the transition to further study with plenty of enrichment material.

Fuzzy Models and Algorithms for Pattern Recognition and Image Processing

with An Introduction by Ubiratán D'Ambrosio

Formative Assessment Improving Learning in Secondary Classrooms

Mathematics

An Advanced Course

Introduction to Smooth Manifolds