

Solved Paper Of Sn Dey Class 12

In the turbulent decades following the Mexican Revolution, Mexico City saw a drastic influx of female migrants seeking escape and protection from the ravages of war in the countryside. While some settled in slums and tenements, where the informal economy often provided the only means of survival, the revolution, in the absence of men, also prompted women to take up traditionally male roles, created new jobs in the public sphere open to women, and carved out new social spaces in which women could exercise agency. In *Deco Body, Deco City*, Ageeth Sluis explores the effects of changing gender norms on the formation of urban space in Mexico City by linking aesthetic and architectural discourses to political and social developments. Through an analysis of the relationship between female migration to the city and gender performances on and off the stage, the book shows how a new transnational ideal female physique informed the physical shape of the city. By bridging the gap between indigenismo (pride in Mexico's indigenous heritage) and mestizaje (privileging the ideal of race mixing), this new female deco body paved the way for mestizo modernity. This cultural history enriches our understanding of Mexico's postrevolutionary decades and brings together social, gender, theater, and architectural history to demonstrate how changing gender norms formed the basis of a new urban modernity.

Microeconomics-I and Statistics is a comprehensive textbook that targets 1st semester undergraduate commerce students of Calcutta University and other allied universities of West Bengal. Developed as per the latest CBCS syllabus of University of Calcutta, the book is divided into three modules: Module I for Microeconomics, Module II for Statistics and Module III dedicated to model question papers. Written in a lucid manner, it conveys the essential concepts and tools needed to develop and nurture economic and statistical thinking.

This book addresses the emerging body of literature on the study of rare events in random graphs and networks. For example, what does a random graph look like if by chance it has far more triangles than expected? Until recently, probability theory offered no tools to help answer such questions. Important advances have been made in the last few years, employing tools from the newly developed theory of graph limits. This work represents the first book-length treatment of this area, while also exploring the related area of exponential random graphs. All required results from analysis, combinatorics, graph theory and classical large deviations theory are developed from scratch, making the text self-contained and doing away with the need to look up external references. Further, the book is written in a format and style that are accessible for beginning graduate students in mathematics and statistics.

Metaheuristic algorithms are present in various applications for different domains. Recently, researchers have conducted studies on the effectiveness of these algorithms in providing optimal solutions to complicated problems. *Advancements in Applied Metaheuristic Computing* is a crucial reference source for the latest empirical research on methods and approaches that include metaheuristics for further system improvements, and it offers outcomes of employing optimization algorithms. Featuring coverage on a broad range of topics such as manufacturing, genetic programming, and medical imaging, this publication is ideal for researchers, academicians, advanced-level students, and technology developers seeking current research on the use of optimization algorithms in several applications.

The book is a collection of papers presented at First Doctoral Symposium on Natural Computing Research (DSNCR 2020), held during 8 August 2020 in Pune, India. The book covers different topics of applied and natural computing methods having applications in physical sciences and engineering. The book focuses on computer vision and applications, soft computing, security for Internet of Things, security in heterogeneous networks, signal processing, intelligent transportation system, VLSI design and embedded systems, privacy and confidentiality, big data and cloud computing, bioinformatics and systems biology, remote healthcare, software security, mobile and pervasive computing, biometrics-based authentication, natural language processing, analysis and verification techniques, large scale networking, distributed systems, digital forensics, and human-computer interaction.

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This volume contains the proceedings of the Stanford Symposium on Algebraic Topology: Applications and New Directions, held from July 23-27, 2012, at Stanford University, Stanford, California. The symposium was held in honor of Gunnar Carlsson, Ralph Cohen and Ib Madsen, who celebrated their 60th and 70th birthdays that year. It showcased current research in Algebraic Topology reflecting the celebrants' broad interests and profound influence on the subject. The topics varied broadly from stable equivariant homotopy theory to persistent homology and application in data analysis, covering topological aspects of quantum physics such as string topology and geometric quantization, examining homology stability in algebraic and geometric contexts, including algebraic K -theory and the theory of operads.

An authorised reissue of the long out of print classic textbook, *Advanced Calculus* by the late Dr Lynn Loomis and Dr Shlomo Sternberg both of Harvard University has been a revered but hard to find textbook for the advanced calculus course for decades. This book is based on an honors course in advanced calculus that the authors gave in the 1960's. The foundational material, presented in the unstarred sections of Chapters 1 through 11, was normally covered, but different applications of this basic material were stressed from year to year, and the book therefore contains more material than was covered in any one year. It can accordingly be used (with omissions) as a text for a year's course in advanced calculus, or as a text for a three-semester introduction to analysis. The prerequisites are a good grounding in the calculus of one variable from a mathematically rigorous point of view, together with some acquaintance with linear algebra. The reader should be familiar with limit and continuity type arguments and have a certain amount of mathematical sophistication. As possible introductory texts, we mention *Differential and Integral Calculus* by R Courant, *Calculus* by T Apostol, *Calculus* by M Spivak, and *Pure Mathematics* by G Hardy. The reader should also have some experience with partial derivatives. In overall plan the book divides roughly into a first half which develops the calculus (principally the differential calculus) in the setting of normed vector spaces, and a second half which deals with the calculus of differentiable manifolds.

Video monitoring has become a vital aspect within the global society as it helps prevent crime, promote safety, and track daily activities such as traffic. As technology in the area continues to improve, it is necessary to evaluate how video is being processed to improve the quality of images. *Applied Video Processing in Surveillance and Monitoring Systems* investigates emergent techniques in video and image processing by evaluating such topics as segmentation, noise elimination, encryption, and classification. Featuring real-time applications, empirical research, and vital frameworks within the field, this publication is a critical reference source for researchers, professionals, engineers, academicians, advanced-level students, and technology developers.

This *Festschrift* volume, published in honor of Kurt Mehlhorn on the occasion of his 60th birthday, contains 28 papers written by his former Ph.D. students and colleagues as well as by his former Ph.D. advisor, Bob Constable. The volume's

title is a translation of the title of Kurt Mehlhorn's first book, "Effiziente Algorithmen", published by Teubner-Verlag in 1977. This Festschrift demonstrates how the field of algorithmics has developed and matured in the decades since then. The papers included in this volume are organized in topical sections on models of computation and complexity; sorting and searching; combinatorial optimization with applications; computational geometry and geometric graphs; and algorithm engineering, exactness and robustness.

It includes all the CBSE All Examination Question Papers (Delhi and Outside Delhi) from 2014 to 2020 fully solved.

Advanced techniques in image processing have led to many innovations supporting the medical field, especially in the area of disease diagnosis. Biomedical imaging is an essential part of early disease detection and often considered a first step in the proper management of medical pathological conditions. Classification and Clustering in Biomedical Signal Processing focuses on existing and proposed methods for medical imaging, signal processing, and analysis for the purposes of diagnosing and monitoring patient conditions. Featuring the most recent empirical research findings in the areas of signal processing for biomedical applications with an emphasis on classification and clustering techniques, this essential publication is designed for use by medical professionals, IT developers, and advanced-level graduate students.

Set in the timeless rhythm of life in the hills near Tibet this is a moving tale of life, love and hardship with the sights, sounds and smells that make the people and their hopes, dreams and fears come alive. After marriage Nisha comes to a remote village in the mountainous Tibetan Border to lead a life among a nomadic clan who follow a simple lifestyle with customs and rituals overlapping Hinduism and Buddhism dating back to ancient times. Pravin is a private person by nature and is happy to marry Nisha, the girl of his choice. Nisha is liked by everyone. Nisha loves her husband Pravin but also enjoys the infatuation from his brother. She spends her days happily with a perpetually sad mother-in-law Parvati repenting on her past life sins, a short tempered father-in-law Shevak, a love-stricken sister-in-law Ria, a kid goat munching everything, a lamb with a baritone bleat and her husband's brother Diwakar lost in dreams. Everything goes well until Nisha's life is torn apart by a proposal, and assumed betrayal, by the one and only love of her life, her husband Pravin when he suggests common marriage, an ancient tradition still followed in this region in which both brothers share a single wife, Nisha. The family is supportive save Nisha who is horrified by the thought of sharing her love with someone for whom she has a brotherly affection. She cannot protest or disagree as it will make her an outcast and the family will throw her away. Her universe crumbles and she feels humiliated and tormented with the new turn of events. As ancient ways confront modern mores, Nisha will be torn between her values and age old customs in this brilliantly observed novel of ancestral folkways and contemporary families. Will Nisha compromise her values... or will she fight the age-old traditions?

This book addresses the frontier advances in the theory and application of nature-inspired optimization techniques, including solving the quadratic assignment problem, prediction in nature-inspired dynamic optimization, the lion algorithm and its applications, optimizing the operation scheduling of microgrids, PID controllers for two-legged robots, optimizing crane operating times, planning electrical energy distribution systems, automatic design and evaluation of classification pipelines, and optimizing wind-energy power generation plants. The book also presents a variety of nature-inspired methods and illustrates methods of adapting these to said applications. Nature-inspired computation, developed by mimicking natural phenomena, makes a significant contribution toward the solution of non-convex optimization problems that normal mathematical optimizers fail to solve. As such, a wide range of nature-inspired computing approaches has been used in multidisciplinary engineering applications. Written by researchers and developers from a variety of fields, this book presents the latest findings, novel techniques and pioneering applications.

In this book the notion of a Vector has been approached from two points of view - Geometric and Algebraic. The relationship between the two has also been established.

The book features selected high-quality papers presented at the International Conference on Computing, Power and Communication Technologies 2019 (GUCON 2019), organized by Galgotias University, India, in September 2019. Divided into three sections, the book discusses various topics in the fields of power electronics and control engineering, power and energy systems, and machines and renewable energy. This interesting compilation is a valuable resource for researchers, engineers and students.

This book presents research advances in the theory of medical physics and its application in various sectors of biomedical engineering. It gathers best selected research papers presented at International Conference on Advances in Medical Physics and Healthcare Engineering (AMPHE 2020), organized by the Department of Physics (in collaboration with the School of Engineering and Technology) Adamas University, Kolkata, India. The theme of the book is interdisciplinary in nature; it interests students, researchers and faculty members from biomedical engineering, biotechnology, medical physics, life sciences, material science and also from electrical, electronics and mechanical engineering backgrounds nurturing applications in biomedical domain.

The two-volume set LNCS 11973 and 11974 constitute revised selected papers from the Third International Conference on Numerical Computations: Theory and Algorithms, NUMTA 2019, held in Crotona, Italy, in June 2019. This volume, LNCS 11974, consists of 19 full and 32 short papers chosen among regular papers presented at the the Conference including also the paper of the winner (Lorenzo Fiaschi, Pisa, Italy) of The Springer Young Researcher Prize for the best NUMTA 2019 presentation made by a young scientist. The papers in part II explore the advanced research developments in such interconnected fields as local and global optimization, machine learning, approximation, and differential equations. A special focus is given to advanced ideas related to methods and applications using emerging computational paradigms.

Many years have passed since the last edition of the present book was published. The discovery during this period of many new reagents has resulted in a vast accumulation of data on their application and made this completely revised edition necessary. Numerous new tests and various new chapters have been added. Chapters 3,4 and 5 of the fifth edition have been combined into one chapter, which is divided into sections devoted to the elements. These sections are arranged in alphabetical order to make for easier location of information on a given element. To further improve the usefulness of the volume, a reference list has been provided for each sub-section followed by a biography of the appropriate quantitative methods.

In this thesis, interval type-2 fuzzy sets (IT2FSs) and interval neutrosophic sets (INSSs) have been considered for all the proposed concepts. Fusion of information is an essential task to get the optimized solution for any real world problem. In this task, aggregation operators are playing an important role in all the fields. Since most of the realistic problems have uncertainty in nature, one can use the logic of fuzzy and neutrosophic theory. For the entire proposed concepts interval based logic has been used as it

handles more uncertainty.

S Chand's ISC Mathematics is structured according to the latest syllabus as per the new CISCE(Council for the Indian School Certificate Examinations), New Delhi, for ISC students taking classes XI & XII examinations.

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