Free download Engineering mechanics by bansal download .pdf

a smart ecosystem is envisioned to exchange and analyze data across systems enabling a flexible faster and reliable smart ecosystem for high quality results at reduced costs and little human intervention this book introduces many innovative approaches and provides solutions to various problems of smart ecosystems designed by employing various techniques models based on ai ml deep learning and the internet of things iot the main focus is on intelligent multimedia processing and automated decision making for various services real time data analysis data security cost effective solutions for multimedia applications smart information processing systems and smart city planning to name a few in addition this book presents some key insights and future directions in the various areas of technology throughout the book many state of the art solutions concerning various applications are proposed to solve the issues and ensure the quality of services qos the authors discuss the limitations of the current techniques used to design a smart ecosystem and highlight some prospective areas of research in the future the book comprehensively discusses multimedia processing of various forms of data comprising text images and audio for the implementation of various solutions the book is aimed to open many areas of research and thus would present a comprehensive reference for the design of smart ecosystems in various applications sachin bansal is an indian software engineer and internet entrepreneur known for co founding india s e commerce platform flipkart sachin is from chandigarh and is an engineering graduate from indian institute of technology delhi binny bansal is an indian software engineer and internet entrepreneur in 2007 he co founded the e commerce platform flipkart with sachin bansal and was serving as the chief operating officer until 11 january 2016 and was promoted to chief executive officer in january 2017 he was promoted to group ceo of flipkart binny is from chandigarh and graduated from the indian institute of technology delhi with a degree in computer science and engineering goyal brothers prakashan this combo collection set of 6 books includes all time bestseller books this anthology contains binny and sachin bansal jack ma luke nosek jeff bezos simon nixon pierre omidyar know how to do machine learning with microsoft technologies this book teaches you to do predictive descriptive and prescriptive analyses with microsoft power bi azure data lake sql server stream analytics azure databricks hd insight and more the ability to analyze massive amounts of real time data and predict future behavior of an organization is critical to its long term success data science and more specifically machine learning ml is today s game changer and should be a key building block in every company s strategy managing a machine learning process from business understanding data acquisition and cleaning modeling and deployment in each tool is a valuable skill set machine learning with microsoft technologies is a demo driven book that explains how to do machine learning with microsoft technologies you will gain valuable insight into designing the best architecture for development sharing and deploying a machine learning solution this book simplifies the process of choosing the right architecture and tools for doing machine learning based on your specific infrastructure needs and requirements detailed content is provided on the main algorithms for supervised and unsupervised machine learning and examples show ml practices using both r and python languages the main languages inside microsoft technologies what you ll learn choose the right microsoft product for your machine learning solutioncreate and manage microsoft s tool environments for development testing and production of a machine learning projectimplement and deploy supervised and unsupervised learning in microsoft products set up microsoft power bi azure data lake sql server stream analytics azure databricks and hd insight to perform machine learning set up a data science virtual machine and test drive installed tools such as azure ml workbench azure ml server developer anaconda python jupyter notebook power bi desktop cognitive services machine learning and data analytics tools and more architect a machine learning solution factoring in all aspects of self service enterprise deployment and sharing who this book is for data scientists data analysts developers architects and managers who want to leverage machine learning in their products organization and services and make educated cost saving decisions about their ml architecture and tool set music informatics is an interdisciplinary research area that encompasses data driven approaches to the analysis generation and retrieval of music in the era of big data two goals weigh heavily on many research agendas in this area a the identification of better features and b the acquisition of better training data to this end researchers have started to incorporate findings and methods from music cognition a related but historically distinct research area that is concerned with elucidating the underlying mental processes involved in music related behavior olympiad champs cyber class 3 with past olympiad questions is a complete preparatory book for olympiad exams for class 3 the book provides complete

theory with illustrations real life images along with fully solved exercises in 2 levels level 1 is the beginner s level which comprises of mcqs like fillers analogy and odd one out level 2 advanced level comprises of questions based on techniques like matching chronological sequencing picture feature based statement correct incorrect integer based puzzle grid based and much more the exercises have been empowered with past questions from various olympiad exams like nco gtse etc this book gathers selected research papers presented at the international conference on communication and intelligent systems iccis 2019 organised by swami keshvanand institute of technology management gramothan skit jaipur india and rajasthan technical university kota india on 9 10 november 2019 this book presents a collection of state of the art research work involving cutting edge technologies for communication and intelligent systems over the past few years advances in artificial intelligence and machine learning have sparked new research efforts around the globe which explore novel ways of developing intelligent systems and smart communication technologies the book presents single and multi disciplinary research on these themes in order to make the latest results available in a single readily accessible source easy hands on recipes to help you understand hive and its integration with frameworks that are used widely in today s big data world about this book grasp a complete reference of different hive topics get to know the latest recipes in development in hive including crud operations understand hive internals and integration of hive with different frameworks used in today s world who this book is for the book is intended for those who want to start in hive or who have basic understanding of hive framework prior knowledge of basic sql command is also required what you will learn learn different features and offering on the latest hive understand the working and structure of the hive internals get an insight on the latest development in hive framework grasp the concepts of hive data model master the key concepts like partition buckets and statistics know how to integrate hive with other frameworks such as spark accumulo etc in detail hive was developed by facebook and later open sourced in apache community hive provides sql like interface to run queries on big data frameworks hive provides sql like syntax also called as hiveql that includes all sql capabilities like analytical functions which are the need of the hour in today s big data world this book provides you easy installation steps with different types of metastores supported by hive this book has simple and easy to learn recipes for configuring hive clients and services you would also learn different hive optimizations including partitions and bucketing the book also covers the source code explanation of latest hive version hive query language is being used by other frameworks including spark towards the end you will cover integration of hive with these frameworks style and approach starting with the basics and covering the core concepts with the practical usage this book is a complete guide to learn and explore hive offerings arid and semi arid areas are now facing a threefold holistic crisis economic food and climate what has emerged from these crises is the vital importance of inter linkages among them on the one hand and the missed opportunities in putting these pieces together on the other this book has tried to explore these challenges though in depth discussions of the individual it is anticipated to inspire a forward looking debate that looks at the lessons from the past and points to actions for the future expertise views have been shared scientists and persons of eminence on the national and state level challenges with futuristic remedial approaches presents practical applications of mass spectrometry for protein analysis and covers their impact on accelerating drug discovery and development covers both qualitative and quantitative aspects of mass spectrometry protein analysis in drug discovery principles instrumentation technologies topics include ms of peptides proteins and adcs instrumentation in protein analysis nanospray technology in ms protein analysis and automation in ms protein analysis details emerging areas from drug monitoring to patient care such as identification and validation of biomarkers for cancer targeted ms approaches for biomarker validation biomarker discovery and regulatory perspectives brings together the most current advances in the mass spectrometry technology and related method in protein analysis are profits and sustainability compatible this book brings unique perspectives to this key debate by exploring the history of green entrepreneurship since the nineteenth century and its spread globally in industries including renewable energy organic food natural beauty ecotourism recycling architecture and finance the book uses the lens of the extraordinary and often eccentric men and women who defied convention and imagined that business could help save the planet rather than consume it the social and religious beliefs that drove many of these individuals are explored as the book looks at how they overcame huge obstacles to execute their strategies the green entrepreneurs seen here are shown to have created new markets and industries and driven innovations in sustainable practices even at times when most consumers and governments marginalized the entire subject the struggles of early pioneers appear to have been rewarded by the growth of environmental awareness among consumers business leaders and others in recent years but the earth s environmental health

continues to deteriorate if profits and sustainability have proved challenging to reconcile the book argues that one reason was how they were both defined molecular biology and biotechnology basic experimental protocols is a compilation of methods and techniques commonly used in biomedical and biotechnological studies the book aims to provide ample support to both students and faculty while conducting practical lessons four sections are covered in this bookâ genomics proteomics quantitative biochemistry and bioinformatics a concise introductory note accompanies each protocol method described for better comprehension every topic discussed is supported by actual methods and their expected results and is accompanied by relevant questions one stop solution for nlp practitioners ml developers and data scientists to build effective nlp systems that can perform real world complicated tasks key featuresapply deep learning algorithms and techniques such as bilstms crfs bpe and more using tensorflow 2explore applications like text generation summarization weakly supervised labelling and moreread cutting edge material with seminal papers provided in the github repository with full working codebook description recently there have been tremendous advances in nlp and we are now moving from research labs into practical applications this book comes with a perfect blend of both the theoretical and practical aspects of trending and complex nlp techniques the book is focused on innovative applications in the field of nlp language generation and dialogue systems it helps you apply the concepts of pre processing text using techniques such as tokenization parts of speech tagging and lemmatization using popular libraries such as stanford nlp and spacy you will build named entity recognition ner from scratch using conditional random fields and viterbi decoding on top of rnns the book covers key emerging areas such as generating text for use in sentence completion and text summarization bridging images and text by generating captions for images and managing dialogue aspects of chatbots you will learn how to apply transfer learning and fine tuning using tensorflow 2 further it covers practical techniques that can simplify the labelling of textual data the book also has a working code that is adaptable to your use cases for each tech piece by the end of the book you will have an advanced knowledge of the tools techniques and deep learning architecture used to solve complex nlp problems what you will learngrasp important pre steps in building nlp applications like pos tagginguse transfer and weakly supervised learning using libraries like snorkeldo sentiment analysis using bertapply encoder decoder nn architectures and beam search for summarizing textsuse transformer models with attention to bring images and text togetherbuild apps that generate captions and answer questions about images using custom transformersuse advanced tensorflow techniques like learning rate annealing custom layers and custom loss functions to build the latest deepnlp modelswho this book is for this is not an introductory book and assumes the reader is familiar with basics of nlp and has fundamental python skills as well as basic knowledge of machine learning and undergraduate level calculus and linear algebra the readers who can benefit the most from this book include intermediate ml developers who are familiar with the basics of supervised learning and deep learning techniques and professionals who already use tensorflow python for purposes such as data science ml research analysis etc the proceedings of socpros 2015 will serve as an academic bonanza for scientists and researchers working in the field of soft computing this book contains theoretical as well as practical aspects using fuzzy logic neural networks evolutionary algorithms swarm intelligence algorithms etc with many applications under the umbrella of soft computing the book will be beneficial for young as well as experienced researchers dealing across complex and intricate real world problems for which finding a solution by traditional methods is a difficult task the different application areas covered in the proceedings are image processing cryptanalysis industrial optimization supply chain management newly proposed nature inspired algorithms signal processing problems related to medical and health care networking optimization problems etc a textbook of artificial intelligence for class 9 this book presents high quality research papers presented at congress on smart computing technologies csct 2022 organized by sau center for research and innovative learning scril south asian university india from 3 4 december 2022 the book extensively covers recent research in algorithms for smart computing ai and machine learning in smart computing edge computing algorithms adversarial networks and autoencoders data visualization data mining data analytics machine learning game theory high performance computing mobile and ubiquitous platforms for smart environments cloud edge fog computing technologies for smart systems internet of things iot and industrial iot technologies for smart systems smart device and hardware security privacy and economics in smart environments big data healthcare informatics smart precision agriculture smart transportation social network analysis and human computer interaction the dynamics of indian politics is reflected in the flexible and fluctuating relations between the centre and the states as well as in the equations within the multiparty political system this book is one of the first to explore the participation of women in state politics in india and how women navigate the dynamic spaces and hierarchies of

the indian political system with the help of in depth studies of 16 states in india it analyses the gender profile of political parties and legislative bodies in these states the question of women s representation which is miniscule in legislative assemblies and women voters and their voting choices it also explores the roadblocks and barriers they face along with a study of women s participation in informal politics the chapters in this book underline the need for women s active participation both inside and outside the party system to make democracy more robust and meaningful topical rich in empirical data this book will be an essential read for scholars and researchers of indian politics gender studies political science sociology public administration and south asia studies the proceedings of socpros 2014 serves as an academic bonanza for scientists and researchers working in the field of soft computing this book contains theoretical as well as practical aspects using fuzzy logic neural networks evolutionary algorithms swarm intelligence algorithms etc with many applications under the umbrella of soft computing the book is beneficial for young as well as experienced researchers dealing across complex and intricate real world problems for which finding a solution by traditional methods is a difficult task the different application areas covered in the proceedings are image processing cryptanalysis industrial optimization supply chain management newly proposed nature inspired algorithms signal processing problems related to medical and healthcare networking optimization problems etc this book constitutes the refereed proceedings of the 4th international conference on hci for cybersecurity privacy and trust hci cpt 2022 held as part of the 23rd international conference hci international 2022 which was held virtually in june july 2022 the total of 1271 papers and 275 posters included in the hcii 2022 proceedings was carefully reviewed and selected from 5487 submissions the hci cpt 2022 proceedings focuses on to user privacy and data protection trustworthiness and user experience in cybersecurity multi faceted authentication methods and tools hci in cyber defense and protection studies on usable security in intelligent environments as well as the impact of the covid 19 pandemic on cybersecurity in this era of increased pharmaceutical industry competition success for generic drug companies is dependent on their ability to manufacture therapeutic equivalent drug products in an economical and timely manner while also being cognizant of patent infringement and other legal and regulatory concerns generic drug product development solid oral dosage forms second edition presents in depth discussions from more than 30 noted specialists describing the development of generic drug products from the raw materials to the development of a therapeutic equivalent drug product to regulatory approval major topics discussed include active pharmaceutical ingredients experimental formulation development including a new section on quality by design qbd scale up commercial product formulation quality control and bioequivalence drug product performance anda regulatory process post approval changes post marketing surveillance legislative and patent challenges this second edition also contains a new chapter on the relationship between the fda and the united states pharmacopeia and in chapter 4 using specific examples the application of quality by design qbd during formulation development is examined the book is a thorough guide to the development of solid oral generic dosage formulations this textbook is ideal for the pharmaceutical industry graduate programs in pharmaceutical sciences and health professionals working in the area of generic drug development apply cutting edge ai techniques to your dynamics 365 environment to create new solutions to old business problems in machine learning with dynamics 365 and power platform the ultimate guide to apply predictive analytics an accomplished team of digital and data analytics experts delivers a practical and comprehensive discussion of how to integrate ai builder with dataverse and dynamics 365 to create real world business solutions it also walks you through how to build powerful machine learning models using azure data lake databricks azure synapse analytics the book is filled with clear explanations visualizations and working examples that get you up and running in your development of supervised unsupervised and reinforcement learning techniques using microsoft machine learning tools and technologies these strategies will transform your business verticals reducing costs and manual processes in finance and operations retail telecommunications and manufacturing industries the authors demonstrate what machine learning is all about and how it can be applied to your organization s dynamics 365 and power platform projects the creation and management of environments for development testing and production of a machine learning project how adopting machine learning techniques will redefine the future of your erp crm system perfect for technical consultants software developers and solution architects machine learning with dynamics 365 and power platform is also an indispensable guide for chief technology officers seeking an intuitive resource for how to implement machine learning in modern business applications to solve real world problems data science has become a popular field of work today however a good resource to understand applied data science is still missing in data science uncovering the reality a group of iitians unravel how data science is done in the industry they have interviewed data

science and technology leaders at top companies in india and presented their learnings here this book will give you honest answers to questions such as how to build a career in data science how a i is used in the world s most successful companies how data science leaders actually work and the challenges they face interest in big data has swelled within the scholarly community as has increased attention to the internet of things iot algorithms are constructed in order to parse and analyze all this data to facilitate the exchange of information however big data has suffered from problems in connectivity scalability and privacy since its birth the application of deep learning algorithms has helped process those challenges and remains a major issue in today s digital world advanced deep learning applications in big data analytics is a pivotal reference source that aims to develop new architecture and applications of deep learning algorithms in big data and the iot highlighting a wide range of topics such as artificial intelligence cloud computing and neural networks this book is ideally designed for engineers data analysts data scientists it specialists programmers marketers entrepreneurs researchers academicians and students management and the sustainability paradox is about how humans became disconnected from their ecological environment throughout evolutionary history begining with the premise that people have competing innate natural drives linked to survival survival can be thought of in the context of long term genetic propagation of a species but at the same time it involves overcoming of immediate adversities due to a diverse set of survival challenges facing our ancestors natural selection often favored short term solutions which by consequence muted the motivations associated with longer range sustainability values managerial decisions and choices mostly adopt a moral calculus of costs versus benefits managers invoke economic and corporate growth to justify virtually any action it is this moral calculus underlying corporate behavior that needs critical examination and reformation at the heart of it lie deep moral questions that we examine in this book with the goal of proposing ethical solutions to the paradox management and the sustainability paradox examines the issue that there appears to be an inherent paradox between what some businesses view as a need for progress and a concern for sustainability in business we often see a collision between ideas of progress and sustainability which shapes corporate actions and managerial decisions typical corporate views of progress involve the creation of wealth jobs innovative products and social philanthropic projects on the basis of these progressive actions they justify their inequitable distribution of surpluses by paying low wages and exploiting ecological resources it is not difficult to see the antagonistic interplay between technological and social innovation with our values for social and environmental well being and a dualism that needs to be overcome this book is intended for a broad appeal to an academic and policy maker audience in the sustainability and management fields the book will be of vital reading for managers seeking to reconnect our human chain with the natural environment in the cause of sustainable business this book examines environmental issues through the lens of security studies and presents a comprehensive analysis of indian policy in dealing with threats posed by climate change this book puts forward theoretical base for securitization of environmental issues incorporating different schools of thought presents a survey of global environmental politics in general and the effects of climate change and its consequences for india s national security in particular examines the politics involved in india s environmental policy at both the domestic and international levels outlines key policy takeaways and possibilities for action that can help contain the threat of environmental change a comprehensive guide to a new and emerging dimension in indian security policy this book will be essential reading for students and researchers of international relations security studies especially non traditional security public policy especially environmental policy and area studies goyal brothers prakashan this book gathers outstanding research papers presented at the international joint conference on computational intelligence ijcci 2019 held at the university of liberal arts bangladesh ulab dhaka on 25 26 october 2019 and jointly organized by the university of liberal arts bangladesh ulab bangladesh jahangirnagar university ju bangladesh and south asian university sau india these proceedings present novel contributions in the areas of computational intelligence and offer valuable reference material for advanced research the topics covered include collective intelligence soft computing optimization cloud computing machine learning intelligent software robotics data science data security big data analytics and signal and natural language processing this book aims to foster machine and deep learning approaches to data driven applications in which data governs the behaviour of applications applications of artificial intelligence ai based systems play a significant role in today s software industry the sensors data from hardware based systems making a mammoth database increasing day by day recent advances in big data generation and management have created an avenue for decision makers to utilize these huge volumes of data for different purposes and analyses ai based application developers have long utilized conventional machine learning techniques to design better user interfaces and

vulnerability predictions however with the advancement of deep learning based and neural based networks and algorithms researchers are able to explore and learn more about data and their exposed relationships or hidden features this new trend of developing data driven application systems seeks the adaptation of computational neural network algorithms and techniques in many application domains including software systems cyber security human activity recognition and behavioural modelling as such computational neural networks algorithms can be refined to address problems in data driven applications original research and review works with model and build data driven applications using computational algorithm are included as chapters in this book a sharp study of the evolution of the e commerce sector in india and how it is reshaping the way we do business whether we re hailing a cab or ordering food buying groceries or shopping for clothes booking a hotel or finding the right doctor our lives today are lived online for a population with severe trust issues with online payments indian consumers have embraced ecommerce with phenomenal enthusiasm in the past few years in turn an incredible number of e commerce companies operate here today the more successful among them disrupting business paradigms and changing the way products and services are bought sold and consumed in the country just how has this transformation come about through the stories of eight players that have experienced the incredible highs and lows that the industry has witnessed flipkart snapdeal makemytrip pepperfry just dial redbus inmobi paytm that have experienced the incredible highs and lows that the industry has witnessed this book unravels the incredible story of the evolution of e commerce in india taking into account the recent rumblings that have shaken the industry from competitive pricing and discount wars to devaluation of former star companies to new and stringent government regulations click presents a long view of where the industry is headed and presents an incisive vision of it that is both inspirational and cautionary this book gathers outstanding research papers presented at the 5th international joint conference on advances in computational intelligence ijcaci 2021 held online during october 23 24 2021 ijcaci 2021 is jointly organized by jahangirnagar university ju bangladesh and south asian university sau india the book presents the novel contributions in areas of computational intelligence and it serves as a reference material for advance research the topics covered are collective intelligence soft computing optimization cloud computing machine learning intelligent software robotics data science data security big data analytics and signal and natural language processing a comprehensive and up to date overview of the major mineral and organic fillers for plastics their production structure and properties as well as their applications in terms of primary and secondary functions edited and co authored by professor marino xanthos with contributions by international experts from industry and academia this book presents methods of mixing incorporation technologies surface treatments and modifications for enhanced functionality an analysis of parameters affecting filler performance and a presentation of current and emerging applications additionally the novel classification according to modification of specific polymer properties rather than filler chemical composition provides a better understanding of the relationships between processing structure and properties of products containing functional fillers and the identification of new markets and applications for engineers scientists and technologists involved in the important sector of polymer composites

Computing for Management 2005-08-01 a smart ecosystem is envisioned to exchange and analyze data across systems enabling a flexible faster and reliable smart ecosystem for high quality results at reduced costs and little human intervention this book introduces many innovative approaches and provides solutions to various problems of smart ecosystems designed by employing various techniques models based on ai ml deep learning and the internet of things iot the main focus is on intelligent multimedia processing and automated decision making for various services real time data analysis data security cost effective solutions for multimedia applications smart information processing systems and smart city planning to name a few in addition this book presents some key insights and future directions in the various areas of technology throughout the book many state of the art solutions concerning various applications are proposed to solve the issues and ensure the quality of services qos the authors discuss the limitations of the current techniques used to design a smart ecosystem and highlight some prospective areas of research in the future the book comprehensively discusses multimedia processing of various forms of data comprising text images and audio for the implementation of various solutions the book is aimed to open many areas of research and thus would present a comprehensive reference for the design of smart ecosystems in various applications

USPTO Image File Wrapper Petition Decisions 0189 2004-12 sachin bansal is an indian software engineer and internet entrepreneur known for co founding india s e commerce platform flipkart sachin is from chandigarh and is an engineering graduate from indian institute of technology delhi binny bansal is an indian software engineer and internet entrepreneur in 2007 he co founded the e commerce platform flipkart with sachin bansal and was serving as the chief operating officer until 11 january 2016 and was promoted to chief executive officer in january 2017 he was promoted to group ceo of flipkart binny is from chandigarh and graduated from the indian institute of technology delhi with a degree in computer science and engineering

Textbook of Information Technology 2023-09-30 goyal brothers prakashan

Intelligent Multimedia Signal Processing for Smart Ecosystems 2005 this combo collection set of 6 books includes all time bestseller books this anthology contains binny and sachin bansal jack ma luke nosek jeff bezos simon nixon pierre omidyar

Unix and C Programming 2022-02-22 know how to do machine learning with microsoft technologies this book teaches you to do predictive descriptive and prescriptive analyses with microsoft power bi azure data lake sql server stream analytics azure databricks hd insight and more the ability to analyze massive amounts of real time data and predict future behavior of an organization is critical to its long term success data science and more specifically machine learning ml is today s game changer and should be a key building block in every company s strategy managing a machine learning process from business understanding data acquisition and cleaning modeling and deployment in each tool is a valuable skill set machine learning with microsoft technologies is a demo driven book that explains how to do machine learning with microsoft technologies you will gain valuable insight into designing the best architecture for development sharing and deploying a machine learning solution this book simplifies the process of choosing the right architecture and tools for doing machine learning based on your specific infrastructure needs and requirements detailed content is provided on the main algorithms for supervised and unsupervised machine learning and examples show ml practices using both r and python languages the main languages inside microsoft technologies what you ll learn choose the right microsoft product for your machine learning solutioncreate and manage microsoft s tool environments for development testing and production of a machine learning projectimplement and deploy supervised and unsupervised learning in microsoft products set up microsoft power bi azure data lake sql server stream analytics azure databricks and hd insight to perform machine learning set up a data science virtual machine and test drive installed tools such as azure ml workbench azure ml server developer anaconda python jupyter notebook power bi desktop cognitive services machine learning and data analytics tools and more architect a machine learning solution factoring in all aspects of self service enterprise deployment and sharing who this book is for data scientists data analysts developers architects and managers who want to leverage machine learning in their products organization and services and make educated cost saving decisions about their ml architecture and tool set

<u>Binny and Sachin Bansal</u> 2020-04-01 music informatics is an interdisciplinary research area that encompasses data driven approaches to the analysis generation and retrieval of music in the era of big data two goals weigh heavily on many research agendas in this area a the identification of better features and b the acquisition of better training data to this end researchers have started to incorporate findings and methods from music cognition a related but historically distinct research area that is concerned with elucidating the

underlying mental processes involved in music related behavior

A Textbook of Artificial Intelligence for Class 10 2022-06-21 olympiad champs cyber class 3 with past olympiad questions is a complete preparatory book for olympiad exams for class 3 the book provides complete theory with illustrations real life images along with fully solved exercises in 2 levels level 1 is the beginner s level which comprises of mcqs like fillers analogy and odd one out level 2 advanced level comprises of questions based on techniques like matching chronological sequencing picture feature based statement correct incorrect integer based puzzle grid based and much more the exercises have been empowered with past questions from various olympiad exams like nco gtse etc

ECOMMERCE GIANTS WORLDWIDE (Binny and Sachin Bansal + Jack MA + Luke Nosek + Jeff Bezos + Simon Nixon + Pierre Omidyar) 2019-06-12 this book gathers selected research papers presented at the international conference on communication and intelligent systems iccis 2019 organised by swami keshvanand institute of technology management gramothan skit jaipur india and rajasthan technical university kota india on 9 10 november 2019 this book presents a collection of state of the art research work involving cutting edge technologies for communication and intelligent systems over the past few years advances in artificial intelligence and machine learning have sparked new research efforts around the globe which explore novel ways of developing intelligent systems and smart communication technologies the book presents single and multi disciplinary research on these themes in order to make the latest results available in a single readily accessible source

Machine Learning with Microsoft Technologies 2018-09-14 easy hands on recipes to help you understand hive and its integration with frameworks that are used widely in today s big data world about this book grasp a complete reference of different hive topics get to know the latest recipes in development in hive including crud operations understand hive internals and integration of hive with different frameworks used in today s world who this book is for the book is intended for those who want to start in hive or who have basic understanding of hive framework prior knowledge of basic sql command is also required what you will learn learn different features and offering on the latest hive understand the working and structure of the hive internals get an insight on the latest development in hive framework grasp the concepts of hive data model master the key concepts like partition buckets and statistics know how to integrate hive with other frameworks such as spark accumulo etc in detail hive was developed by facebook and later open sourced in apache community hive provides sql like interface to run queries on big data frameworks hive provides sql like syntax also called as hiveql that includes all sql capabilities like analytical functions which are the need of the hour in today s big data world this book provides you easy installation steps with different types of metastores supported by hive this book has simple and easy to learn recipes for configuring hive clients and services you would also learn different hive optimizations including partitions and bucketing the book also covers the source code explanation of latest hive version hive query language is being used by other frameworks including spark towards the end you will cover integration of hive with these frameworks style and approach starting with the basics and covering the core concepts with the practical usage this book is a complete guide to learn and explore hive offerings

Aplikasi Chatting dan Push Email Gratisan Untuk Semua HP 2020-05-13 arid and semi arid areas are now facing a threefold holistic crisis economic food and climate what has emerged from these crises is the vital importance of inter linkages among them on the one hand and the missed opportunities in putting these pieces together on the other this book has tried to explore these challenges though in depth discussions of the individual it is anticipated to inspire a forward looking debate that looks at the lessons from the past and points to actions for the future expertise views have been shared scientists and persons of eminence on the national and state level challenges with futuristic remedial approaches

Bridging Music Informatics with Music Cognition 2018-11-19 presents practical applications of mass spectrometry for protein analysis and covers their impact on accelerating drug discovery and development covers both qualitative and quantitative aspects of mass spectrometry protein analysis in drug discovery principles instrumentation technologies topics include ms of peptides proteins and adcs instrumentation in protein analysis nanospray technology in ms protein analysis and automation in ms protein analysis details emerging areas from drug monitoring to patient care such as identification and validation of biomarkers for cancer targeted ms approaches for biomarker validation biomarker discovery and regulatory perspectives brings together the most current advances in the mass spectrometry technology and related

method in protein analysis

Olympiad Champs Cyber Class 3 with Past Olympiad Questions 2nd Edition 2020-04-09 are profits and sustainability compatible this book brings unique perspectives to this key debate by exploring the history of green entrepreneurship since the nineteenth century and its spread globally in industries including renewable energy organic food natural beauty ecotourism recycling architecture and finance the book uses the lens of the extraordinary and often eccentric men and women who defied convention and imagined that business could help save the planet rather than consume it the social and religious beliefs that drove many of these individuals are explored as the book looks at how they overcame huge obstacles to execute their strategies the green entrepreneurs seen here are shown to have created new markets and industries and driven innovations in sustainable practices even at times when most consumers and governments marginalized the entire subject the struggles of early pioneers appear to have been rewarded by the growth of environmental awareness among consumers business leaders and others in recent years but the earth s environmental health continues to deteriorate if profits and sustainability have proved challenging to reconcile the book argues that one reason was how they were both defined

Olympiad Champs Cyber Class 3 with Past Olympiad Questions 2016-04-29 molecular biology and biotechnology basic experimental protocols is a compilation of methods and techniques commonly used in biomedical and biotechnological studies the book aims to provide ample support to both students and faculty while conducting practical lessons four sections are covered in this bookâ genomics proteomics quantitative biochemistry and bioinformatics a concise introductory note accompanies each protocol method described for better comprehension every topic discussed is supported by actual methods and their expected results and is accompanied by relevant questions

Communication and Intelligent Systems 2013-01-01 one stop solution for nlp practitioners ml developers and data scientists to build effective nlp systems that can perform real world complicated tasks key featuresapply deep learning algorithms and techniques such as bilstms crfs bpe and more using tensorflow 2explore applications like text generation summarization weakly supervised labelling and moreread cutting edge material with seminal papers provided in the github repository with full working codebook description recently there have been tremendous advances in nlp and we are now moving from research labs into practical applications this book comes with a perfect blend of both the theoretical and practical aspects of trending and complex nlp techniques the book is focused on innovative applications in the field of nlp language generation and dialogue systems it helps you apply the concepts of pre processing text using techniques such as tokenization parts of speech tagging and lemmatization using popular libraries such as stanford nlp and spacy you will build named entity recognition ner from scratch using conditional random fields and viterbi decoding on top of rnns the book covers key emerging areas such as generating text for use in sentence completion and text summarization bridging images and text by generating captions for images and managing dialogue aspects of chatbots you will learn how to apply transfer learning and fine tuning using tensorflow 2 further it covers practical techniques that can simplify the labelling of textual data the book also has a working code that is adaptable to your use cases for each tech piece by the end of the book you will have an advanced knowledge of the tools techniques and deep learning architecture used to solve complex nlp problems what you will learngrasp important pre steps in building nlp applications like pos tagginguse transfer and weakly supervised learning using libraries like snorkeldo sentiment analysis using bertapply encoder decoder nn architectures and beam search for summarizing textsuse transformer models with attention to bring images and text togetherbuild apps that generate captions and answer questions about images using custom transformersuse advanced tensorflow techniques like learning rate annealing custom layers and custom loss functions to build the latest deepnlp modelswho this book is for this is not an introductory book and assumes the reader is familiar with basics of nlp and has fundamental python skills as well as basic knowledge of machine learning and undergraduate level calculus and linear algebra the readers who can benefit the most from this book include intermediate ml developers who are familiar with the basics of supervised learning and deep learning techniques and professionals who already use tensorflow python for purposes such as data science ml research analysis etc

Apache Hive Cookbook 2017-05-30 the proceedings of socpros 2015 will serve as an academic bonanza for scientists and researchers working in the field of soft computing this book contains theoretical as well as practical aspects using fuzzy logic neural networks evolutionary algorithms swarm intelligence algorithms etc with many applications under the umbrella of soft computing the book will be beneficial for young as well as experienced researchers dealing across complex and intricate real world problems for which finding a solution by

traditional methods is a difficult task the different application areas covered in the proceedings are image processing cryptanalysis industrial optimization supply chain management newly proposed nature inspired algorithms signal processing problems related to medical and health care networking optimization problems etc

Remote Sensing Applications in Dryland Natural Resource Management 2018-01-26 a textbook of artificial intelligence for class 9

<u>Protein Analysis using Mass Spectrometry</u> 2013-01-01 this book presents high quality research papers presented at congress on smart computing technologies csct 2022 organized by sau center for research and innovative learning scril south asian university india from 3 4 december 2022 the book extensively covers recent research in algorithms for smart computing ai and machine learning in smart computing edge computing algorithms adversarial networks and autoencoders data visualization data mining data analytics machine learning game theory high performance computing mobile and ubiquitous platforms for smart environments cloud edge fog computing technologies for smart systems internet of things iot and industrial iot technologies for smart systems smart device and hardware security privacy and economics in smart environments big data healthcare informatics smart precision agriculture smart transportation social network analysis and human computer interaction

Profits and Sustainability 2021-02-04 the dynamics of indian politics is reflected in the flexible and fluctuating relations between the centre and the states as well as in the equations within the multiparty political system this book is one of the first to explore the participation of women in state politics in india and how women navigate the dynamic spaces and hierarchies of the indian political system with the help of in depth studies of 16 states in india it analyses the gender profile of political parties and legislative bodies in these states the question of women s representation which is miniscule in legislative assemblies and women voters and their voting choices it also explores the roadblocks and barriers they face along with a study of women s participation in informal politics the chapters in this book underline the need for women s active participation both inside and outside the party system to make democracy more robust and meaningful topical rich in empirical data this book will be an essential read for scholars and researchers of indian politics gender studies political science sociology public administration and south asia studies

<u>Molecular Biology and Biotechnology</u> 2016-03-19 the proceedings of socpros 2014 serves as an academic bonanza for scientists and researchers working in the field of soft computing this book contains theoretical as well as practical aspects using fuzzy logic neural networks evolutionary algorithms swarm intelligence algorithms etc with many applications under the umbrella of soft computing the book is beneficial for young as well as experienced researchers dealing across complex and intricate real world problems for which finding a solution by traditional methods is a difficult task the different application areas covered in the proceedings are image processing cryptanalysis industrial optimization supply chain management newly proposed nature inspired algorithms signal processing problems related to medical and healthcare networking optimization problems etc

Advanced Natural Language Processing with TensorFlow 2 2020-01-01 this book constitutes the refereed proceedings of the 4th international conference on hci for cybersecurity privacy and trust hci cpt 2022 held as part of the 23rd international conference hci international 2022 which was held virtually in june july 2022 the total of 1271 papers and 275 posters included in the hcii 2022 proceedings was carefully reviewed and selected from 5487 submissions the hci cpt 2022 proceedings focuses on to user privacy and data protection trustworthiness and user experience in cybersecurity multi faceted authentication methods and tools hci in cyber defense and protection studies on usable security in intelligent environments as well as the impact of the covid 19 pandemic on cybersecurity

Proceedings of Fifth International Conference on Soft Computing for Problem Solving 2023-07-10 in this era of increased pharmaceutical industry competition success for generic drug companies is dependent on their ability to manufacture therapeutic equivalent drug products in an economical and timely manner while also being cognizant of patent infringement and other legal and regulatory concerns generic drug product development solid oral dosage forms second edition presents in depth discussions from more than 30 noted specialists describing the development of generic drug products from the raw materials to the development of a therapeutic equivalent drug product to regulatory approval major topics discussed include active pharmaceutical ingredients experimental formulation development including a new section on quality by design qbd scale up commercial product formulation quality control and bioequivalence drug product performance anda regulatory process post approval changes post marketing surveillance legislative and patent challenges this second edition also contains a new chapter

on the relationship between the fda and the united states pharmacopeia and in chapter 4 using specific examples the application of quality by design qbd during formulation development is examined the book is a thorough guide to the development of solid oral generic dosage formulations this textbook is ideal for the pharmaceutical industry graduate programs in pharmaceutical sciences and health professionals working in the area of generic drug development

A Textbook of Artificial Intelligence for Class 9 2023-04-28 apply cutting edge ai techniques to your dynamics 365 environment to create new solutions to old business problems in machine learning with dynamics 365 and power platform the ultimate guide to apply predictive analytics an accomplished team of digital and data analytics experts delivers a practical and comprehensive discussion of how to integrate ai builder with dataverse and dynamics 365 to create real world business solutions it also walks you through how to build powerful machine learning models using azure data lake databricks azure synapse analytics the book is filled with clear explanations visualizations and working examples that get you up and running in your development of supervised unsupervised and reinforcement learning techniques using microsoft machine learning tools and technologies these strategies will transform your business verticals reducing costs and manual processes in finance and operations retail telecommunications and manufacturing industries the authors demonstrate what machine learning is all about and how it can be applied to your organization s dynamics 365 and power platform projects the creation and management of environments for development testing and production of a machine learning project how adopting machine learning techniques will redefine the future of your erp crm system perfect for technical consultants software developers and solution architects machine learning with dynamics 365 and power platform is also an indispensable guide for chief technology officers seeking an intuitive resource for how to implement machine learning in modern business applications to solve real world problems

Congress on Smart Computing Technologies 2014-12-23 data science has become a popular field of work today however a good resource to understand applied data science is still missing in data science uncovering the reality a group of iitians unravel how data science is done in the industry they have interviewed data science and technology leaders at top companies in india and presented their learnings here this book will give you honest answers to questions such as how to build a career in data science how a i is used in the world s most successful companies how data science leaders actually work and the challenges they face

Women in State Politics in India 2022-05-13 interest in big data has swelled within the scholarly community as has increased attention to the internet of things iot algorithms are constructed in order to parse and analyze all this data to facilitate the exchange of information however big data has suffered from problems in connectivity scalability and privacy since its birth the application of deep learning algorithms has helped process those challenges and remains a major issue in today s digital world advanced deep learning applications in big data analytics is a pivotal reference source that aims to develop new architecture and applications of deep learning algorithms in big data and the iot highlighting a wide range of topics such as artificial intelligence cloud computing and neural networks this book is ideally designed for engineers data analysts data scientists it specialists programmers marketers entrepreneurs researchers academicians and students

Proceedings of Fourth International Conference on Soft Computing for Problem Solving 2013-10-24 management and the sustainability paradox is about how humans became disconnected from their ecological environment throughout evolutionary history begining with the premise that people have competing innate natural drives linked to survival survival can be thought of in the context of long term genetic propagation of a species but at the same time it involves overcoming of immediate adversities due to a diverse set of survival challenges facing our ancestors natural selection often favored short term solutions which by consequence muted the motivations associated with longer range sustainability values managerial decisions and choices mostly adopt a moral calculus of costs versus benefits managers invoke economic and corporate growth to justify virtually any action it is this moral calculus underlying corporate behavior that needs critical examination and reformation at the heart of it lie deep moral questions that we examine in this book with the goal of proposing ethical solutions to the paradox management and the sustainability paradox examines the issue that there appears to be an inherent paradox between what some businesses view as a need for progress and a concern for sustainability in business we often see a collision between ideas of progress and sustainability which shapes corporate actions and managerial decisions typical corporate views of progress involve the creation of wealth jobs innovative products and social philanthropic projects on the basis of these progressive actions they justify their inequitable

distribution of surpluses by paying low wages and exploiting ecological resources it is not difficult to see the antagonistic interplay between technological and social innovation with our values for social and environmental well being and a dualism that needs to be overcome this book is intended for a broad appeal to an academic and policy maker audience in the sustainability and management fields the book will be of vital reading for managers seeking to reconnect our human chain with the natural environment in the cause of sustainable business HCI for Cybersecurity, Privacy and Trust 2022-01-06 this book examines environmental issues through the lens of security studies and presents a comprehensive analysis of indian policy in dealing with threats posed by climate change this book puts forward theoretical base for securitization of environmental issues incorporating different schools of thought presents a survey of global environmental politics in general and the effects of climate change and its consequences for india s national security in particular examines the politics involved in india s environmental policy at both the domestic and international levels outlines key policy takeaways and possibilities for action that can help contain the threat of environmental change a comprehensive guide to a new and emerging dimension in indian security policy this book will be essential reading for students and researchers of international relations security studies especially non traditional security public policy especially environmental policy and area studies

Generic Drug Product Development 2020-04-15 goyal brothers prakashan

Machine Learning with Dynamics 365 and Power Platform 2020-10-16 this book gathers outstanding research papers presented at the international joint conference on computational intelligence ijcci 2019 held at the university of liberal arts bangladesh ulab dhaka on 25 26 october 2019 and jointly organized by the university of liberal arts bangladesh ulab bangladesh jahangirnagar university ju bangladesh and south asian university sau india these proceedings present novel contributions in the areas of computational intelligence and offer valuable reference material for advanced research the topics covered include collective intelligence soft computing optimization cloud computing machine learning intelligent software robotics data science data security big data analytics and signal and natural language processing

Data Science Uncovering the Reality 2020-07-12 this book aims to foster machine and deep learning approaches to data driven applications in which data governs the behaviour of applications applications of artificial intelligence ai based systems play a significant role in today s software industry the sensors data from hardware based systems making a mammoth database increasing day by day recent advances in big data generation and management have created an avenue for decision makers to utilize these huge volumes of data for different purposes and analyses ai based application developers have long utilized conventional machine learning techniques to design better user interfaces and vulnerability predictions however with the advancement of deep learning based and neural based networks and algorithms researchers are able to explore and learn more about data and their exposed relationships or hidden features this new trend of developing data driven application systems seeks the adaptation of computational neural network algorithms and techniques in many application domains including software systems cyber security human activity recognition and behavioural modelling as such computational neural networks algorithms can be refined to address problems in data driven applications original research and review works with model and build data driven applications using computational algorithm are included as chapters in this book

Advanced Deep Learning Applications in Big Data Analytics 2022-08-26 a sharp study of the evolution of the e commerce sector in india and how it is reshaping the way we do business whether we re hailing a cab or ordering food buying groceries or shopping for clothes booking a hotel or finding the right doctor our lives today are lived online for a population with severe trust issues with online payments indian consumers have embraced ecommerce with phenomenal enthusiasm in the past few years in turn an incredible number of e commerce companies operate here today the more successful among them disrupting business paradigms and changing the way products and services are bought sold and consumed in the country just how has this transformation come about through the stories of eight players that have experienced the incredible highs and lows that the industry has witnessed flipkart snapdeal makemytrip pepperfry just dial redbus inmobi paytm that have experienced the incredible highs and lows that the industry has witnessed this book unravels the incredible story of the evolution of e commerce in india taking into account the recent rumblings that have shaken the industry from competitive pricing and discount wars to devaluation of former star companies to new and stringent government regulations click presents a long view of where the industry is headed and presents an incisive vision of it that is both inspirational and cautionary

Management and the Sustainability Paradox 2021-08-01 this book gathers outstanding research papers presented at the 5th international joint conference on advances in computational intelligence ijcaci 2021 held online during october 23 24 2021 ijcaci 2021 is jointly organized by jahangirnagar university ju bangladesh and south asian university sau india the book presents the novel contributions in areas of computational intelligence and it serves as a reference material for advance research the topics covered are collective intelligence soft computing optimization cloud computing machine learning intelligent software robotics data science data security big data analytics and signal and natural language processing

Environmental Security and India 2020-05-22 a comprehensive and up to date overview of the major mineral and organic fillers for plastics their production structure and properties as well as their applications in terms of primary and secondary functions edited and co authored by professor marino xanthos with contributions by international experts from industry and academia this book presents methods of mixing incorporation technologies surface treatments and modifications for enhanced functionality an analysis of parameters affecting filler performance and a presentation of current and emerging applications additionally the novel classification according to modification of specific polymer properties rather than filler chemical composition provides a better understanding of the relationships between processing structure and properties of products containing functional fillers and the identification of new markets and applications for engineers scientists and technologists involved in the important sector of polymer composites

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