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Basics of Electrical Machines Fundamentals of Electrical Engineering Crack UPSC in First Attempt Civil Services Exam IAS/IPS/IFS Fundamentals of Electric Power System Electric Power Systems for Non-Electrical Engineers Electrical and Mechanical Technology (For Universities of Andhra Pradesh) Combating Women's Health Issues with Machine Learning Revolutionizing Cardiac Muscle Detection. Harnessing the Power of Machine Learning Electric Machines Electrical Engineering Drawing AC Electric Motors Control IETE Technical Review Journal of the Indian Institute of Science Indian Books in Print Bulletin of the Institution of Engineers (India). International Journal of Electrical Engineering Education Power Semiconductor Controlled Drives American Wholesalers and Distributors Directory Trado Indian Directory International Books in Print Prof. D. K. Palwalia Dr. Yaduvir Singh K. Kohli Dr. Sandeep Sharma Anup Kumar Tripathi Pilla Ramana/ Mary, Kralapudy Alice/ Jajimoggala Sarojini & Shabana D. Hemanth Yenni Rajasekhar I. J. Nagrath Dr S K Bhattacharya Fouad Giri Indian Institute of Science, Bangalore Institution of Engineers (India) G. K. Dubey Gale Group Basics of Electrical Machines Fundamentals of Electrical Engineering Crack UPSC in First Attempt Civil Services Exam IAS/IPS/IFS Fundamentals of Electric Power System Electric Power Systems for Non-Electrical Engineers Electrical and Mechanical Technology (For Universities of Andhra Pradesh) Combating Women's Health Issues with Machine Learning Revolutionizing Cardiac Muscle Detection. Harnessing the Power of Machine Learning Electric Machines Electrical Engineering Drawing AC Electric Motors Control IETE Technical Review Journal of the Indian Institute of Science Indian Books in Print Bulletin of the Institution of Engineers (India). International Journal of Electrical Engineering Education Power Semiconductor Controlled Drives American Wholesalers and Distributors Directory Trado Indian Directory International Books in Print Prof. D. K. Palwalia Dr. Yaduvir Singh K. Kohli Dr. Sandeep Sharma Anup Kumar Tripathi Pilla Ramana/ Mary, Kralapudy Alice/ Jajimoggala Sarojini & Shabana D. Hemanth Yenni Rajasekhar I. J. Nagrath Dr S K Bhattacharya Fouad Giri Indian Institute of Science, Bangalore Institution of Engineers (India) G. K. Dubey Gale Group

in the hustle to make career that is regulated by society most give up on their dreams and passions but for k kohli writing was a compulsion not a choice that shows how passion manifests it's like the mountain course of the river that forces its way through the roughest of the terrains born in delhi graduated from St. Stephens College University of Delhi he is an inspirational speaker who motivates young people to pursue careers in civil services and community development he continues to be an exemplary figure demonstrating how individuals can make a profound impact on their communities through dedication hard work and a deep sense of social responsibility the civil services have risen in social reckoning as a career due to its significant role in bringing government's policies to the people and making development possible on ground like a rainmaker qualifying for the civil services is also considered as a mark of talent and success given that it requires passing through a multi-stage rigorous system of

examination and interview apart from job security and satisfaction the services provide ample opportunities and challenges to prove one's mettle and also to contribute and give back to society in india the civil service is defined as appointive positions by the government in connection with the affairs of the union and includes a civilian in a defence service except positions in the indian armed forces this exam is not for people who believe in shortcuts who are impatient and casual it seeks such people who believe in rigorous study only the candidates who are thoroughly organised disciplined and determined can taste its success ultimately the country needs officers equipped with these qualities if those candidates who have a profusion of the aforesaid qualities get the right guidance then they can definitely crack the ias exam this book has been prepared for such deserving and appropriate candidates we are not just hopeful but have complete faith that his book will definitely work as a useful guidance in making the honest and strong willed candidates as ias move forward with heart within and god overhead connect at kohlifoundationindia gmail com

electric power systems are at the heart of modern society powering homes businesses and industries around the globe as such a firm grasp of their fundamental principles is essential for anyone involved in the design operation or management of electrical infrastructure throughout this book emphasis is placed not only on theoretical foundations but also on practical insights gleaned from real world engineering practices case studies examples and illustrations are utilized to illustrate key concepts and demonstrate their relevance in solving real world problems

this book explains the electrical power systems for non electrical engineers and includes topics like electrical energy systems electrical power systems structure single phase ac circuit fundamentals and three phase systems power system modeling power system representation power system operation power flow analysis economic operation of power systems power system fault analysis power system protection fundamentals and so forth examples have been provided to clarify the description and review questions are provided at the end of each chapter features provides a simplified description of fundamentals of electrical energy systems and structure of electrical power systems for non electrical engineers gives a detailed description of ac circuit fundamentals and three phase systems describes power system modeling and power system representation covers power system operation power flow analysis and fundamentals of economic operation of power systems discusses power system fault analysis and fundamentals of power system protection with examples and also includes renewable energy systems this book has been aimed at senior undergraduate and graduate students of non electrical engineering background

this book is designed for under graduate students of all branches those who are going to study electrical and mechanical technology as one of the subject in their curriculum the primary goal of this book is to establish a firm understanding of basic knowledge on dc machines single phase transformers three phase induction motors alternators measuring instruments energy sources internal combustion engines heat transfer power transmission and manufacturing methods the contents of this book are presented in a simple way for easy understanding and can be used as self study material

the main focus of this book is the examination of women's health issues and the role machine learning can play as a solution to these challenges this book will illustrate advanced innovative techniques frameworks concepts machine learning methodologies enhancing the future healthcare system combating women's health issues with machine learning challenges and solutions examines the fundamental concepts and analysis of machine learning algorithms the editors and authors of this book examine

new approaches for different age related medical issues that women face topics range from diagnosing diseases such as breast and ovarian cancer to using deep learning in prenatal ultrasound diagnosis the authors also examine the best machine learning classifier for constructing the most accurate predictive model for women s infertility risk among the topics discussed are gender differences in type 2 diabetes care and its management as it relates to gender using artificial intelligence the book also discusses advanced techniques for evaluating and managing cardiovascular disease symptoms which are more common in women but often overlooked or misdiagnosed by many healthcare providers the book concludes by presenting future considerations and challenges in the field of women s health using artificial intelligence this book is intended for medical researchers healthcare technicians scientists programmers and graduate level students looking to understand better and develop applications of machine learning deep learning in healthcare scenarios especially concerning women s health conditions

bachelor thesis from the year 2023 in the subject medicine biomedical engineering language english abstract this analysis explores advanced deep learning techniques for stock price prediction assessing transfer learning based dtrsi cnns and collaborative networks with sentiment analysis dtrsi effectively addresses overfitting outperforming traditional models cnns excel in predicting stock trends across time frames while collaborative networks combining sentiment analysis and candlestick data show promise particularly for specific stocks over longer periods the study investigates the relevance of sentiment analysis from platforms like twitter and stocktwits in predicting market movements it introduces an innovative active deep learning approach for stock price forecasting considering data size and sector impact emphasizing lstm based models it highlights their potential to enhance stock price forecasting offering insights for traders and investors by consolidating diverse prediction methods this research lays the groundwork for future studies optimizing trading systems via data integration and advanced neural network architectures

electrical drawing is an important engineering subject taught to electrical electronics engineering students both at degree and diploma level institutions the course content generally covers assembly and working drawings of electrical machines and machine parts drawing of electrical circuits instruments and components the contents of this book have been prepared by consulting the syllabus of various state boards of technical education as also of different engineering colleges this book has nine chapters chapter i provides latest informations about drawing sheets lettering dimensioning method of projections sectional views including assembly and working drawings of simple electrical and mechanical items with plenty of solved examples the second chapter deals with drawing of commonly used electrical instruments their method of connection and of instrument parts chapter iii deals with mechanical drawings of electrical machines and machine parts the details include drawings of d c machines induction machines synchronous machines fractional kw motors and transformers chapter iv includes panel board wiring diagrams the fifth chapter is devoted to winding diagrams of d c and a c machines chapter vi and vii include drawings of transmission and distribution line accessories supports etc as also plant and substation layout diagrams miscellaneous drawing like drawings of earth electrodes circuit breakers lighting arresters etc have been dealt with in chapter viii graded exercises with feedback on reading and interpreting engineering drawings covering the entire course content have been included in ix providing ample opportunities to the learner to practice on such graded exercises and receive feedback chapter x includes drawings of electronic circuits and components this book unlike some of the available books in the market contains a large number of solved examples which would help students understand the subject better explanations are very simple and easy to understand reference to norms and standards have been made at appropriate places students will find this book useful not only for passing examinations but even more in reading and interpreting engineering drawings during their professional career

the complexity of ac motor control lies in the multivariable and nonlinear nature of ac machine dynamics recent advancements in control theory now make it possible to deal with long standing problems in ac motors control this text expertly draws on these developments to apply a wide range of model based control design methods to a variety of ac motors contributions from over thirty top researchers explain how modern control design methods can be used to achieve tight speed regulation optimal energetic efficiency and operation reliability and safety by considering online state variable estimation in the absence of mechanical sensors power factor correction machine flux optimization fault detection and isolation and fault tolerant control describing the complete control approach both controller and observer designs are demonstrated using advanced nonlinear methods stability and performance are analysed using powerful techniques including implementation considerations using digital computing means other key features covers the main types of ac motors including triphase multiphase and doubly fed induction motors wound rotor permanent magnet and interior pm synchronous motors illustrates the usefulness of the advanced control methods via industrial applications including electric vehicles high speed trains steel mills and more includes special focus on sensorless nonlinear observers adaptive and robust nonlinear controllers output feedback controllers fault detection and isolation algorithms and fault tolerant controllers this comprehensive volume provides researchers and designers and r d engineers with a single source reference on ac motor system drives in the automotive and transportation industry it will also appeal to advanced students in automatic control electrical power systems mechanical engineering and robotics as well as mechatronic process and applied control system engineers

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