## Electrical Power And Electrical Traction J B Gupta

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Electric Traction The Electrician Electrical Trades Directory and Handbook Proceedings of the 6th International Conference on Electrical Engineering and Information Technologies for Rail Transportation (EITRT) 2023The Electrical JournalElectric TractionMcgraw Electric Railway ManualThe Electrical ReviewThe Electrical JournalEast European Accessions Index100 Years of Electric Traction Manual of Electrical Undertakings and Directory of Officials The Electrical WorldThe ElectricianThe Commercial and Financial ChronicleJournal of the Institution of Electrical Engineers Electricity The Annual Literary Index Poole's Index to Periodical Literature: 1892-1896Annual Literary IndexMinutes of Proceedings of the Institution of Civil Engineers J. Upadhyay Ming Gong J. Clifton Robinson W. F.Skene Colin J. Marsden William Isaac Fletcher William Frederick Poole Institution of Civil Engineers (Great Britain) Electric Traction The Electrician Electrical Trades Directory and Handbook Proceedings of the 6th International Conference on Electrical Engineering and Information Technologies for Rail Transportation (EITRT) 2023 The Electrical Journal Electric Traction Mcgraw Electric Railway Manual The Electrical Review The Electrical Journal East European Accessions Index 100 Years of Electric Traction Manual of Electrical Undertakings and Directory of Officials The Electrical World The Electrician The Commercial and Financial Chronicle Journal of the Institution of Electrical Engineers Electricity The Annual Literary Index Poole's Index to Periodical Literature: 1892-1896 Annual Literary Index Minutes of Proceedings of the Institution of Civil Engineers J. Upadhyay Ming Gong J. Clifton Robinson W. F. Skene Colin J. Marsden William Isaac Fletcher William Frederick Poole Institution of Civil Engineers (Great Britain)

electric traction and utilisation of electrical energy with the former constituting approximately two thirds of the course is an elective subject prescribed in electrical engineering syllabus of most engineering colleges while there is a growing demand for making this subject compulsory most students complain about non availability of books dealing with all elements of electric traction featuring in the syllabus to bridge this gap and present the subject in a lucid manner this book was conceived by the authors with the following broad objectives i to present electric traction as a complete system ii to combine knowledge of fundamentals with an eye on practical orientation

iii to give a glimpse of the present state of the art the books currently available on the subject mostly deal elaborately with train mechanics traction motor and its control gears but miss certain key aspects that are essential for appreciation of the subject as a system of transportation the book has sixteen chapters dealing with different aspects of electric traction the unique feature of this book is that it includes chapters dealing with such aspects as linear induction motor propulsion railway signalling protection of electric locomotive equipment and circuits preventive corrective maintenance and application of computers for management of electric traction system illustrative worked out examples and unsolved numerical exercises taken from question papers of different universities and competitive examinations are designed to impart sufficient clarity and grasp of the fundamentals the practising engineer in the field in most cases pick up the subject in bits and pieces over a rather long time frame a complete view of the entire subject in the beginning itself may generate better understanding leading to innovativeness and efficiency at work the authors hope that the book will be helpful to graduate level students as well as practising engineers in the field suggestions for further improvements in subsequent editions will be most welcome

this book reflects the latest research trends methods and experimental results in the field of electrical and information technologies for rail transportation which covers abundant state of the art research theories and ideas as a vital field of research that is highly relevant to current developments in a number of technological domains the subjects it covered include intelligent computing information processing communication technology automatic control etc the objective of the proceedings is to provide a major interdisciplinary forum for researchers engineers academicians and industrial professionals to present the most innovative research and development in the field of rail transportation electrical and information technologies engineers and researchers in academia industry and government will also explore an insightful view of the solutions that combine ideas from multiple disciplines in this field the volumes serve as an excellent reference work for researchersand graduate students working on rail transportation and electrical and information technologies

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