

Physics Practical for Engineers with Viva-Voce
15 Classic Physics Lab Experiments for Engineering Students
Brown Walker Press

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This is one of enumerable self-help or how to books with an emphasis on Engineering Physics Practical. The basic premise of the book is that there are certain simple experiments, involving no more than rudimentary Physics laws and the very basic laws of Engineering Physics for undergraduate college engineering students. But these practical are often not done or taken lightly, for several reasons. First, people don't realize how easy they are to do. Second, and more fundamental, they are not done because it does not occur to people to do them. Finally, and tragically, no one in their elementary, middle, or high school educational experience has stressed the importance of doing them, and of course neither did they teach to do them. This book is to reveal to you what the experiments are, make them readily understandable, and by means of a very easy-to-use illustrations. The main thing you should expect from this book is the theories and practical related small information more precisely about experiments. You will get a rudimentary understanding of the basic concepts behind the Engineering Physics experiment that governs the fundamental daily life questions that challenge us in life. The book is divided into seven major categories and Fifteen chapters. In this book the students will find solutions to experimental obstacles normally faced by undergraduate college engineering students. In summary, you don't need any special background or ability to profit from this book.

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Respecifying Lab Ethnography delivers the first ethnomethodological study of current experimental physics in action, describing the disciplinary orientation of lab work and exploring the discipline in its social order, formal stringency and skilful performance - in situ and in vivo. Drawing upon extensive participant observation, this book articulates and draws upon two major strands of ethnomethodological inquiry: reflexive ethnography and video analysis. In bringing together these two approaches, which have hitherto existed in parallel, Respecifying Lab Ethnography introduces a practice-based video analysis. In doing so, the book recasts conventional distinctions to shed fresh light on methodological issues surrounding the descriptive investigation of social practices more broadly. An engaged and innovative study of the encountered worksite, this book will appeal not only to sociologists with interests in ethnomethodology and the sociology of work, but also to scholars of science and technology studies and those working in the fields of ethnography and social science methodology.

