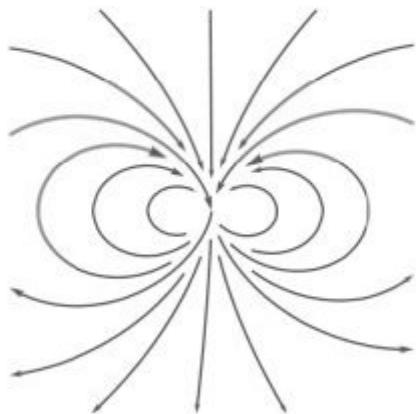


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# Conquering The Physics GRE

## Conquering the Physics GRE

A review of GRE-specific topics  
Includes 3 full-length practice exams and complete solutions



Yoni Kahn  
Adam Anderson



## Synopsis

REVISED SECOND EDITION: This revised and edited second edition extends the discussions in the subject area reviews, contains several new diagrams and problems, and features updated sample exams whose questions more accurately reflect the content of the current GRE. A current list of errata is available at [www.physicsgreprep.com](http://www.physicsgreprep.com). Thousands of students take the GRE subject test in physics each year, yet surprisingly few published resources exist to help students prepare for the content and structure of this important exam. This book, written by two MIT graduate students intimately familiar with the content of the exam, is a comprehensive review of all topics covered on the Physics GRE. Conquering the Physics GRE includes three full-length practice tests with worked solutions, content reviews of all the major subject areas with over 150 additional problems, and a full chapter on special test-taking tips specific to the Physics GRE.

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## Customer Reviews

A decent review of equations, made nearly unusable by copious typos, factual and arithmetic errors, etc.

The book can serve as a useful reminder of the topics that come up on the GRE but it is full of ERRORS. Most of the circuit equations are WRONG. Some examples: Page 87 equations 2.71 2.72 and 2.75 are wrong. It is not  $C_{eq} = \text{SUM } 1/C_i$ . The right answer  $1/C_{eq} = \text{SUM } 1/C_i$  Page 89 equation 2.82 is also wrong. It is not  $I = V/R = \exp(-R/L t)$ . The right answer is  $I = V/R - V/R \exp(-R/L t)$

The book covers the topics that are required for the GRE comprehensibly. As the authors mention on their website, this book should not be used to learn the physical concepts but it provides a convenient review. However, it is so riddled with errors that one needs to double check most statements for their correctness. Many errors are due to negligence (typos, units not matching in equations). Unfortunately, some statements are physically wrong (e.g. the authors seem to have forgotten that charge is quantised when writing sample questions). In conclusion, the book can serve as a useful reminder of the topics that come up on the GRE but it is not suitable as a stand-alone study guide.

Hard work but needs to be more organized .

I went through about 25% of the book and noticed a lot of errors and typos. This caused me to waste time. Some of the problems are just solved incorrectly. Typos are really frustrating. I use another book that has helped and I discontinued with this one.

A good compilation of undergrad physics curriculum, though their complete exams are not that good representative of the exam. Some parts of the sample exams should be definitely easier to simulate the real exam, whereas other parts could be more challenging (such as questions related to optics etc.) Yet, probably the best book in GRE physics references.

This book has many mistakes and irrelevant questions that are not similar to those that are asked on the GRE physics. Don't buy it - find another book

This book is overrated. Typos, lack of diagrams and poorly designed questions. No meaningful content here.

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