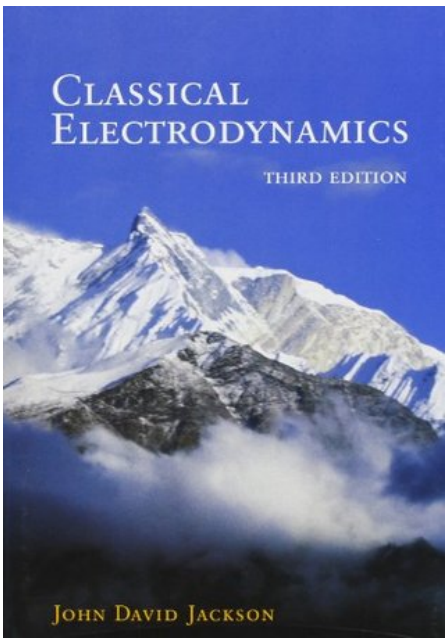

Classical Electrodynamics

John David Jackson

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Classical Electrodynamics John David Jackson
This edition refines and improves the first edition. It treats the present experimental limits on the mass of photon and the status of linear superposition, and introduces many other innovations.

Classical Electrodynamics Details

Date	:	Published August 10th 1998 by Wiley (first published January 1st 1962)
ISBN	:	9780471309321
Author	:	John David Jackson
Format	:	Hardcover 832 pages
Genre	:	Science, Physics, Textbooks, Reference, Nonfiction, Computer Science, Technical

From Reader Review Classical Electrodynamics for online ebook

Clay says

The Bible on E&M.

Laura LVD says

It's a good textbook. But it is also the densest, most boring thing I had to endure in my undergraduate life. For a first approach it is definitely heavy. Also heavy on the backpack since I think i got scoliosis from carrying about this book from campus to my house and back.
I hated it with a passion.
Both professors that assigned me this book died in 2014. Great guys, not even this book can spoil the good memories i have of them. Martín, Rubén, i hope you are proud of me now for finishing this awful book, wherever you are.

Mohammad Sherafati says

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Richard Lambour says

Standard textbook in graduate electrodynamics - boot camp for first year students. Actually a course in mathematical physics more than electromagnetism, many different mathematical techniques are presented throughout. Unnecessarily complex presentation. Use of non-standard CGS unit system adds a touch of sadism to an already difficult text; this is the only place in a physics career where you will see it.

James Lyon says

Even though this is the standard, I could not get past the style. I prefer Griffith's, even though I am sure Jackson is much more comprehensive.

Dustin says

There has *got* to be a better EM text out there. Why is this one the standard?

Colin Lamont says

This is the standard text upon which a graduate student's love of the subject will be crushed. A formidable book, with little elegance. Which is all the more tragic for the special elegance of the subject. A. O. Barut is highly recommended over this tome for electrodynamics (if you have a choice in the matter). Waves and Green's functions are probably better treated by a dozen or so authors.

Fawn says

The first half is really good, but once you get past electrostatics, he starts assuming too much. Derivations which fill three chalk boards and contain one or two very subtle steps are presented in four lines where the subtleties are assumed to be obvious.

Todd says

Terrifying.

Zach Ulibarri says

A soul crushing technical manual written by a sadist that has served as the right of passage for physics PhDs since the dawn of time. Every single one of my professors studied this book, and every single one of them hates it with a passion. While I've no intention of becoming a professor, I still wonder, will my colleagues also inflict this torture on their students? Will the cycle be perpetuated ad infinitum? How many more aspiring physicists will we leave battered and bruised at the gates of insanity before switching to a textbook that seeks to make electrodynamics clear and intuitive rather than a mind-numbing trip through the seventh circle of hell?

B. Sherman H. says

A lazy, beach read.

Rahul Munshi says

Killing physics students. One at a time.

Sam says

Of all of the graduate-level physics books, I have heard the most horror stories about this one. Now it is my turn to see how many sleepless nights result!

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dead letter office says

the graduate text everyone uses, but you should learn the basics somewhere else.

unless you are very mathematically sophisticated (and much smarter than i am), you won't be able to teach yourself from this text. he skips a lot of steps in his proofs and assumes you've seen it before or can figure it out. i imagine a good lecturer teaching from this book would do great, though.

Willkindel says

this book is pain.
