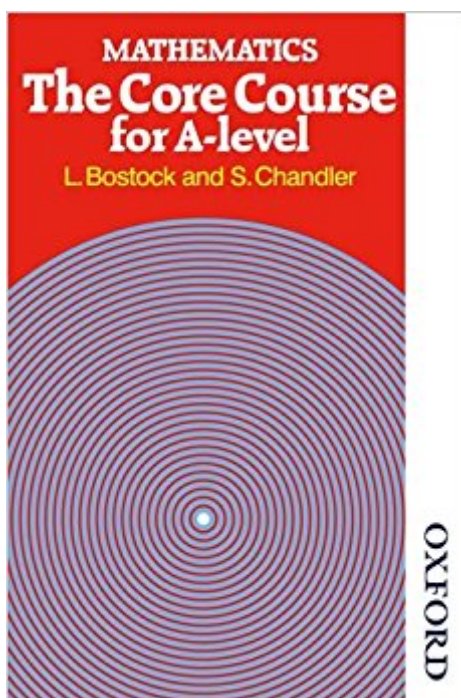


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Mathematics - The Core Course For A Level



Synopsis

Designed to meet the Common Core requirements of the University of London Syllabus B, and other similar schemes offered by the major boards, this book incorporates both modern and effective traditional approaches to mathematical understanding. Worked examples and exercises support the text. An ELBS/LPBB edition is available.

Book Information

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Customer Reviews

Item was in great condition, almost as good as a brand new book. Great value for money. Totally satisfied with the purchase. Thumbs up.

This text was a great asset coming out of high-school level maths and entering into college-level calculus. It covers necessary previous topics briefly and efficiently, providing an excellent reference in case you forget something or skipped it in your previous studies. The examples are useful and to the point; sections are brief and incredibly effective. This book has a more complete overview of algebra, trig, and calculus than my entire high-school education. It's very easy to look up a subject and quickly understand it, which is essential when working through multi-faceted problems later. There are several problems in the text which have inaccurate solutions, but that's fairly minor for the vast resource this book has been to me. This was my father's A-level book (in England) and I'm proud to say that it's now finding use once again. Most college texts are \$200. For \$1? Buy it! I can't

recommend it enough.

Well, A-level is for High School, not really for college level. I agree with Adel Douba that the book doesn't point out necessary information, but most of the college text books in US never mention what you have pointed out! Hey, for high school, it is a pretty good book, don't you agree? You don't see any high school book mentions anything about $\log(-8)_{\text{base } -2}$ has no meaning, neither any of them mentions the inequality of a with 1. This is for college level!!! Again, A-level is just for Grade 9-12 in most of the other countries.

This was a core text for many British A-Level Mathematics students. It is a well written and easy to follow text book. The major flaw in an otherwise super text is that it has several typos and the occasional incorrect answer to self-test questions. These errors can hinder a student's understanding of a concept. However, over a decade and a half after completing my A-level studies I still refer to this text when helping students grasp pure math concepts.

Why philosophizing? Exercise 10 page 503 tells you that three vectors a , b , and c are such that no two of which are equal and all are different from the zero vector. In part (b) it gives you the further condition that $(a \cdot b)c = (b \cdot c)a$ (the $\cdot$ signifies the dot product of vectors), then it asks you to "show that c and a are parallel". Obviously this is absurd as the following counterexample amply testifies: take a , b , c to be respectively the i , j , k . Notice here that i , j , and k are mutually different and none is the zero vector as required. Also, $a \cdot b = i \cdot j = 0$, and $b \cdot c = j \cdot k = 0$ and consequently $(a \cdot b)c = (b \cdot c)a = 0$, yet c and a are not parallel being k and i which are rather perpendicular. WHAT a SHAME !!! On page 27 the authors "define" the logarithm in the following way: $\log_b a = c$ $b^c = a$ to the power of c and nothing is mentioned about the positivity of a and b and the inequality of a with 1, neither in the body of the definition nor in the preceding discussion, nor afterwards. We all know that -2 to the power of 3 is -8 , but we also know that $\log(-8)_{\text{base } -2}$ has no meaning!! The book is PATHETIC.

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