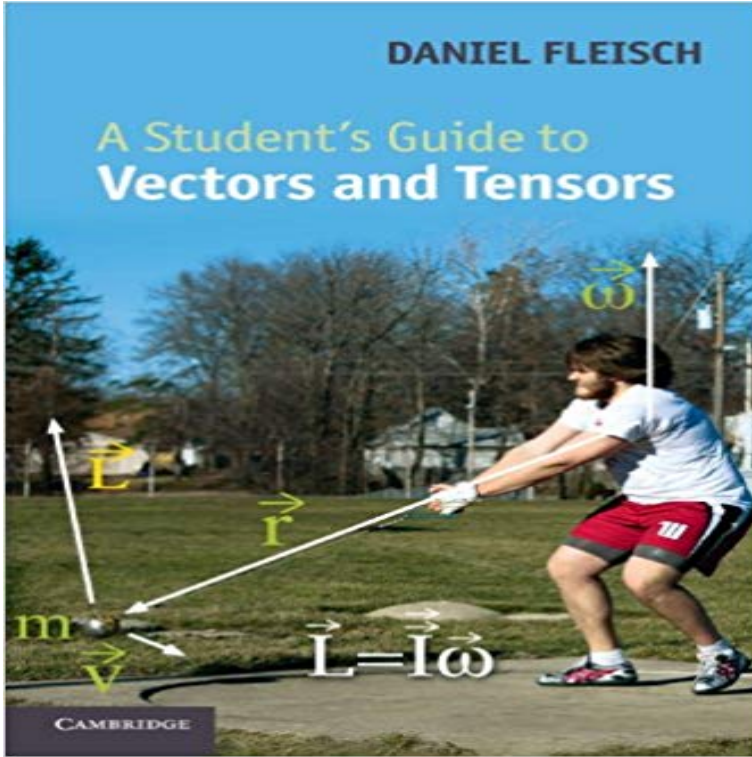


# A Students Guide to Vectors and Tensors



Vectors and tensors are among the most powerful problem-solving tools available, with applications ranging from mechanics and electromagnetics to general relativity. Understanding the nature and application of vectors and tensors is critically important to students of physics and engineering. Adopting the same approach used in his highly popular *A Student's Guide to Maxwell's Equations*, Fleisch explains vectors and tensors in plain language. Written for undergraduate and beginning graduate students, the book provides a thorough grounding in vectors and vector calculus before transitioning through contra and covariant components to tensors and their applications. Matrices and their algebra are reviewed on the book's supporting website, which also features interactive solutions to every problem in the text where students can work through a series of hints or choose to see the entire solution at once. Audio podcasts give students the opportunity to hear important concepts in the book explained by the author.

*A Student's Guide to Vectors and Tensors*, authored by Daniel Fleisch, is a comprehensive book for undergraduate and postgraduate students of engineering. Welcome to the website for *A Student's Guide to Vectors and Tensors*, and thanks for visiting. The purpose of this site is to supplement the material in the book by DANIEL FLEISCH *A Student's Guide to Vectors and Tensors*. Vectors and tensors are among the most powerful problem-solving tools available, with applications ranging from mechanics and electromagnetics to general relativity. Understanding the nature and application of vectors and tensors is critically important to students of physics and engineering. Adopting the same approach used in his highly popular *A Student's Guide to Maxwell's Equations*, Fleisch explains vectors and tensors in plain language. *A Student's Guide to Vectors and Tensors*. Chapter 1 Podcasts podcast icon. You have two options to listen right here, right now or take it on the go. captured by the retina such as background identification or non-linear brightness transforms, as well as diagnostic tools used in ophthalmology. The latter. - Buy *A Student's Guide to Vectors and Tensors* (Students Guides) book online at best prices in India on Amazon.in. Read *A Student's Guide to Vectors and Tensors*. The author is well known for his earlier book *A Student's Guide to Maxwell's Equations* and he sets out a similar approach to vectors and tensors in this book. Note 5.0/5. Retrouvez *A Student's Guide to Vectors and Tensors* et des millions de livres en stock sur . Achetez neuf ou d'occasion. Fleisch's latest book, *A Student's Guide to Vectors and Tensors*, was published by Cambridge Press in September of 2011. Fleisch is also the co-author of *A Student's Guide to Vectors and Tensors* (Students Guides) by Daniel Fleisch (ISBN: 8601404485770) from Amazon's Book Store. Everyday low prices in this web service Cambridge University Press. Cambridge University Press. 978-0-521-19369-6 - *A Student's Guide to Vectors and Tensors*. Daniel A. Fleisch.