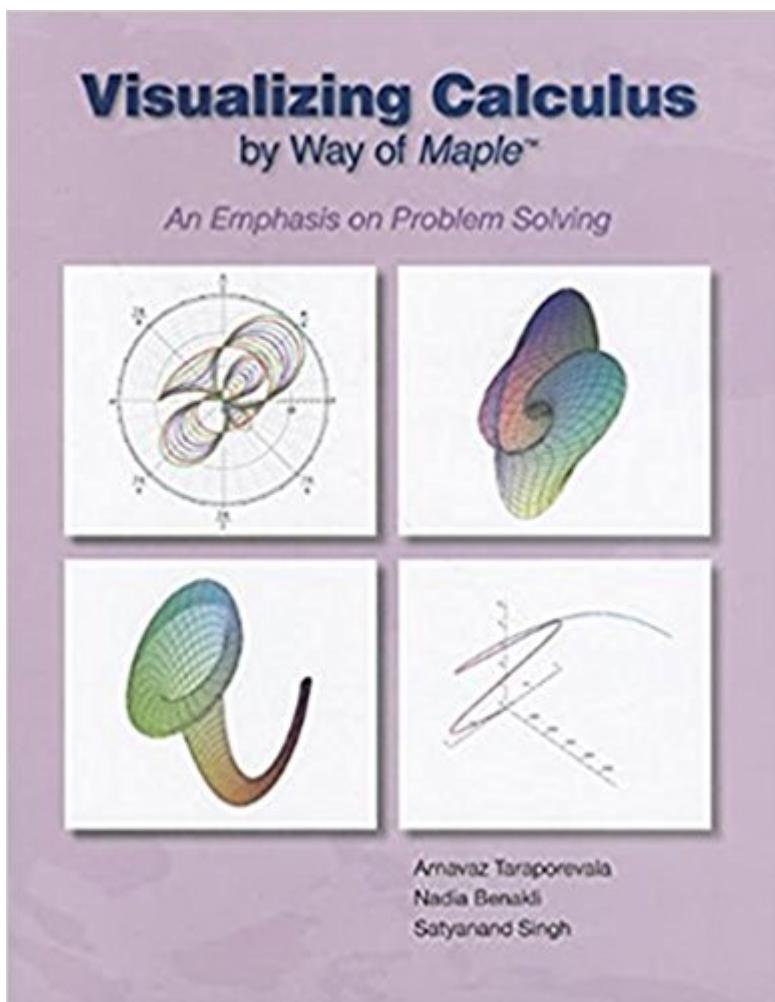


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VISUALIZING CALCULUS BY WAY OF MAPLE: AN EMPHASIS ON PROBLEM SOLVING



Synopsis

Book by Taraporevala, Arnavaz, Benakli, Nadia, Singh, Satyanand

Book Information

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Customer Reviews

Book by Taraporevala, Arnavaz, Benakli, Nadia, Singh, Satyanand

This book just goes through a list of examples of typical calculus problems using Maple. Unfortunately, it does not offer any insights into Maple that you could not get quickly and for free through the Maple Portal website. I gave it three stars because there are things one can learn from it, but too much material was included (calculus material) and that limits the usefulness of the book as a source of Maple skills for a student using it as a supplement. For example, I wanted to do a simple parametrization of a circle on Maple (having Maple show the orientation of the parametrized curve by arrows, as one has to do in class), and the book does not have any examples of how to do this. The "parametrization" examples in the book result in just a graph of the curve without any indication of the orientation. In other words, it just shows you how to get the plot of x-y curve shape, but not the orientation! The shape alone is not the parametrization! I wanted to produce the curve shape with the arrows showing the orientation (or alternatively, the curve being traced in time). I'm sure there is a way to do this in Maple, now I have to go search for it on the Maple portal inspite of having spent \$40 on this book.

This book helped me pass my Calculus class.

I was really disappointed after this purchase and immediately returned it. This book does not give any useful information that you cannot find online for free. Students are paying so much for textbooks these days and this poorly written book is nothing more than an attempt to earn a buck. These authors should be ashamed of themselves!

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