This is a reprint of Calculus, 5th Edition by the same author.

I just graduated high school. While still in school, I used a swokowski book. It was perfect for me. The first year I took first semester college calculus in an AP class. I was introduced to calculus through this book. Personally, I thought it was a very good textbook, especially compared to previous ones I had used. I got an A in the class and a 5 on the AP exam. Perhaps partly because of the teacher, but the book was essential. The next year I (effectively) had an independent study class for Calculus II (much harder class/concepts!) Once again, I used swakowski. I passed the exam again, this time with a 4 (5 subscore in Calc I). The merits of the book lie in it’s concept as calculus as an accumulating course - everything builds up. First we learn the concept of limits, then derivative, then area, and integrals, then series... and on and on to infinity ;) Many of the practice exercises draw upon concepts learned much earlier. My favorite part of the book (and perhaps this is only me) was that it showed every derivation for all major theorems. I understood where the theorems and equations were coming from - I understood the concept behind it, rather than learning by rote, which is (shockingly) becoming more the norm (easier for teachers...?). For someone interested in mathematics, especially in the higher-level study, this book is ideal. Also nice: wide margins, extensive example problems, answers to odd problems in back, numbered theorems for reference in later chapters (easier to find!) Not so great: uses a lot of technical/”math” terms - good if serious about math, bad if just started/dabbling/unsure.

also, tends to build on concepts, so if you’re starting this book 1/2 way through, expect some page flipping Also see if you can get a copy of the solutions manual. helpful to see the STEPS to solving the problem. nice. One more note. My teacher senior year used a new textbook geared entirely toward AP students (ie it took all of the thinking out of the math). I
didn't like it. I preferred swakowski. It's a college textbook, so it's not easy. But it gets you thinking the right way. :)

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