



# THE CARTOON INTRODUCTION TO CALCULUS



**BY GRADY KLEIN AND  
YORAM BAUMAN, Ph.D.**  
THE WORLD'S FIRST AND ONLY STAND-UP ECONOMIST



# CONTENTS



## PART ONE: OVERVIEW

- 1: INTRODUCTION...3
- 2: SPEED...15
- 3: AREA...29
- 4: THE FUNDAMENTAL THEOREM OF CALCULUS...43
- 5: LIMITS...55



## PART TWO: DERIVATIVES

- 6: LIMITS AND DERIVATIVES...71
- 7: THE CALCULUS TOOLKIT...83
- 8: EXTREME VALUES...95
- 9: OPTIMIZATION...107
- 10: ECONOMICS...119



## PART THREE: INTEGRALS

- 11: INTEGRATION, THE HARD WAY...133
- 12: INTEGRATION, THE EASY WAY...147
- 13: THE FUNDAMENTAL THEOREM, REVISITED...159
- 14: PHYSICS...173
- 15: LIMITS BEYOND LIMITS...187

**GLOSSARY...201**



**THE INTERNATIONALLY BESTSELLING AUTHORS OF  
THE CARTOON INTRODUCTION TO ECONOMICS RETURN TO MAKE CALCULUS FUN**

*"The Cartoon Introduction to Calculus is hilarious, rigorous, slightly hallucinatory, and extremely educational, all at once—highly recommended for those who already love calculus and those encountering it for the first time."*

—**JORDAN ELLENBERG**, John D. MacArthur Professor of Mathematics,  
University of Wisconsin–Madison, and author of *How Not to Be Wrong*

With Grady Klein and Yoram Bauman as our guides, we scale the dual peaks of Mount Derivative and Mount Integral, and from their summits we see how calculus relates to the rest of mathematics. Beginning with the problems of speed and area, Klein and Bauman show how the discipline is unified by a fundamental theorem. We meet such geniuses as Archimedes, Liu Hui, and Bonaventura Cavalieri, who survived the slopes on intuition but prepared us for the avalanche-like dangers posed by mathematical rigor. Then we trek onward, scrambling through limits, extreme values, optimization, and integration, and learn how calculus can be applied to economics, physics, and so much more. Klein and Bauman round out the book with a handy glossary of symbols and terms so you won't mix up constants and constraints. With a witty and engaging narrative full of jokes and insights, *The Cartoon Introduction to Calculus* is an essential primer for students or for anyone who is curious about math.

*"Even the most timid mathphobe who is willing to dip a toe in the water will be enlightened and entertained by The Cartoon Introduction to Calculus. Kudos to Grady Klein and Yoram Bauman!"*

—**MICHAEL SULLIVAN**, Chicago State University, and **KATHLEEN MIRANDA**,  
SUNY Old Westbury, authors of *Calculus for the AP Course*

**GRADY KLEIN** is a cartoonist, an animator, and a graphic designer who specializes in simplifying complex subjects. His most recent book is *Psychology: The Comic Book Introduction*. Samples of his work can be found at [www.gradyklein.com](http://www.gradyklein.com).

**YORAM BAUMAN**, Ph.D., is an economist who performs at universities and corporate events around the world as "the world's first and only stand-up economist." His website is [www.standupeconomist.com](http://www.standupeconomist.com).

Klein and Bauman have previously collaborated on *The Cartoon Introduction to Climate Change*, the two-volume *Cartoon Introduction to Economics*, and, most recently, *The Cartoon Introduction to Digital Ethics*.



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