



Calculus Made Easy

Sylvanus P. Thompson

Read by:	Multiple readers	Format:	MP3 CD in DVD case
Length:	10 hours and 3 minutes	Catalog:	DB-1198
Language:	English	UPC:	0701236969160
Style:	Collaborative	MSLP:	\$11.99
Genre:	Science		

If you are one of the many people who are intimidated and baffled by mathematics, this book is for you. *Calculus Made Easy: Being a Very-Simplest Introduction to Those Beautiful Methods of Reckoning which Are Generally Called by the Terrifying Names of the Differential Calculus and the Integral Calculus* by Silvanus P. Thompson has been considered “a classic and elegant Introduction to the subject” of infinitesimal calculus ever since its initial publication in 1910. Written for British students, the concepts are presented in simple, clear terms in an accessible, conversational style with a dash of wry humor thrown in for good measure. Each chapter is accompanied by problem sets that further illuminate the concepts and that students seem

to enjoy working through. Many report that they are awakened to the genius of calculus and thoroughly delighted by their ability to finally understand an often intimidating discipline.

From the Prologue ...

Some calculus-tricks are quite easy. Some are enormously difficult. The fools who write the textbooks of advanced mathematics—and they are mostly clever fools—seldom take the trouble to show you how easy the easy calculations are. On the contrary, they seem to desire to impress you with their tremendous cleverness by going about it in the most difficult way. Being myself a remarkably stupid fellow, I have had to unteach myself the difficulties, and now beg to present to my fellow fools the parts that are not hard. Master these thoroughly, and the rest will follow. What one fool can do, another can.

Silvanus P. Thompson (June 19, 1851 – June 12, 1916) was an electrical engineer and professor of physics best known for *Calculus Made Easy*. He was born in York, England to a Quaker family and educated at Bootham School, where his father was a master. After graduation Silvanus was made science master at the school and soon became a lecturer and then professor of physics at University College in Bristol. In 1878 he joined the new City and Guilds of London Institute for the Advancement of Technical Education in Finsbury and served as professor of Physics for 30 years. He was noted for his impressive lectures and his ability to communicate difficult scientific concepts in a clear and interesting manner; radiologist AE Barclay said that: “None who heard him could forget the vividness of the word-pictures he placed before them.” He developed a method to increase the speed of submarine telegraph transmissions and took a keen interest in Röntgen Light, or x-rays, serving as first President of the Röntgen Society, later called the British Institute of Radiology. He was also the author of the physics textbook *Elementary Lessons in Electricity and Magnetism* and wrote biographies of Lord Kelvin and Michael Faraday.