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Saylor Foundation Releases Fourth Openly Licensed, College-Level Textbook

Open Education Non-Profit Licenses College Textbooks Under CC-BY for Use by Educators and Students Worldwide

Washington, D.C. – After releasing three openly licensed books just earlier this week, the Saylor Foundation (<http://www.saylor.org>) today announces the publication of *Mathematical Analysis I*, the fourth and final openly licensed, college-level textbook from Wave I of its Open Textbook Challenge (OTC). This text, along with *Elementary Linear Algebra*; *Linear Algebra*; and *Computer Networking: Principles, Protocols and Practice*, the three previously announced texts, is hosted on www.saylor.org and is now available for immediate use by students and educators around the globe.

Mathematical Analysis I was written by Elias Zakon (deceased) of the University of Windsor and submitted by Dr. Bradley Lucier of Purdue University. Lucier worked with Zakon's daughter, Tamara Zakon, to produce the text for electronic distribution by [The Trillia Group](http://www.trillia.com), an Internet publisher Lucier established "to provide quality texts distributed at the lowest cost to the wide audience." "Elias Zakon worked much of his professional life polishing his series of three texts on Mathematical Analysis, a series that was never published in his lifetime but was copied and distributed to students at the University of Windsor," said Lucier. "I think Professor Zakon would have been thrilled to see the Saylor Foundation make it possible to distribute freely to students around the world this second volume in the series."

Tamara Zakon agrees with Lucier. "The book reflects my father's strong pedagogical skills and his ability to lead students into rigorous mathematics early, and with clarity and efficiency," said Zakon. "In editing and sometimes re-writing his work, Bradley Lucier and I made a deliberate effort to remain true to the original style and spirit of the author. He was my mentor and teacher, and having his work widely and freely available to other students through the Saylor Foundation is, indeed, very gratifying."

Already in use by students at the University of Windsor and Purdue University, *Mathematical Analysis I* will be recommended for students following Saylor.org's [MA241: Real Analysis I](http://www.saylor.org/books/MA241). According to the text's preface: "This text carefully leads the student through the basic topics of Real Analysis. Topics include metric spaces, open and closed sets, convergent sequences, function limits and continuity, compact sets, sequences and series of functions, power series, differentiation and integration, Taylor's theorem, total variation, rectifiable arcs, and sufficient conditions of integrability. Well over 500 exercises (many with extensive hints) assist students through the material."

The Saylor Foundation serves as an option for individuals who seek a higher education, yet face monetary or geographical barriers. The OTC is one of the Saylor Foundation's efforts to diminish this accessibility gap by addressing the challenge of rising textbook costs. As part of the on-going Challenge, the Saylor Foundation is offering \$20,000 to each college textbook author or professor who agrees to openly license his or her work under a [CC BY 3.0 license](http://creativecommons.org/licenses/by/3.0/). Submitted texts that pass the Foundation's peer review process and align with one of the [eligible courses](http://www.saylor.org/eligible) on Saylor.org will be entitled to the \$20,000 prize, and will be made freely available via Saylor.org. More information about this challenge can be found at www.saylor.org/otc.

About the Saylor Foundation

The Saylor Foundation (under its legal name, The Constitution Foundation) is a 501(c) (3) non-profit organization headquartered in Washington, D.C. The Foundation was established in 1999 by Michael J. Saylor, the Chairman, CEO and President of the business intelligence company MicroStrategy. Mr. Saylor serves as the Foundation's sole trustee.

The Foundation's focus since 2008 has been its Free Education Initiative, through which it is using technology to drive down the cost of education to zero. Saylor.org serves as a zero-cost alternative for individuals who lack the resources to attend traditional brick-and-mortar institutions and as a complement to willing mainstream education providers. Saylor expects free, self-paced, automated online learning opportunities to motivate people to pursue personal growth and career ambitions as well as to lead to institutional change among education providers everywhere.

More information about the Saylor Foundation is available at www.saylor.org.

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