

Review of: "Essential Calculus, a Revolutionary Approach to Teaching Calculus"

Wendolyn Elizabeth Aguilar Salinas¹

¹ Autonomous University of Baja California

Potential competing interests: No potential competing interests to declare.

The paper introduces a 10-week Calculus course that aims to solve differential equations quickly. However, it gives the impression of being an initial draft of a textbook rather than a finalized version. The author's methods appear to neglect the rigorous mathematical standards established in the 20th century, opting instead for a more intuitive approach reminiscent of Newton's methods. While the course organization has some positive aspects, it also has the potential to create misunderstandings due to vague explanations and the absence of crucial elements such as theorems, definitions, and assumptions. It is recommended that the paper includes a thorough discussion on the merits of the course and recognizes that Calculus encompasses valuable aspects beyond just solving differential equations, particularly by emphasizing its relevance to physics. The lack of structure in the article, evident through missing references, typographical errors, and inconsistent notation, undermines its credibility and requires careful proofreading. Overall, while the ideas presented may have practical applications in specific contexts, significant improvements are needed in terms of presentation and content.