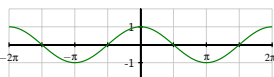
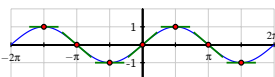
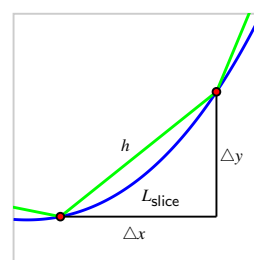
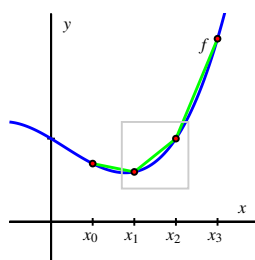


ACTIVE CALCULUS is different from most existing texts in at least the following ways: the text is free for download by students and instructors

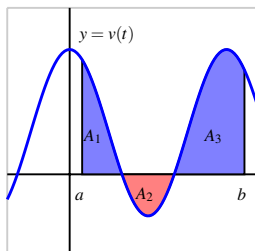


in .pdf format; in the electronic format, graphics are in full color

and there are live html links to java applets; the text is open source, and interested instructors can gain access to the original source files upon request; the style of the text requires students to be active learners ... there are very few worked examples in the text, with there



instead being 3–4 activities per section that engage students in connecting ideas, solving problems, and developing understanding of key calculus ideas; each section begins with motivating questions, a brief introduction, and a preview activity, all of which are designed to be read and completed prior to class; the exercises are few in number and challenging in nature.



Matthew Boelkins, **David Austin**, and **Steven Schlicker** are professors in the Department of Mathematics (www.gvsu.edu/math) at Grand Valley State University in Allendale, Michigan.



Orthogonal Publishing L3C
Ann Arbor, Michigan
www.orthogonalpublishing.com

ISBN 978-0-9898975-3-2



9 780989 897532 >