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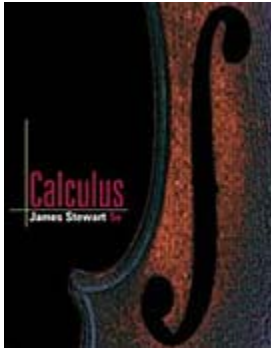
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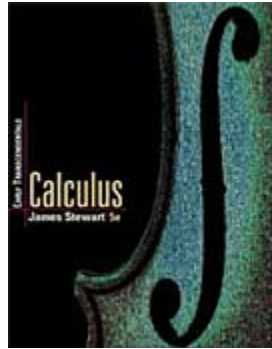
About the

Next, click on our textbook

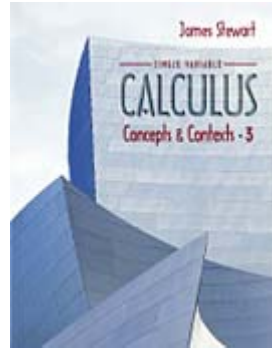
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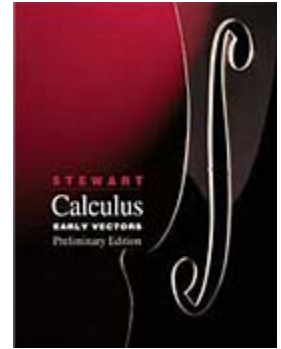
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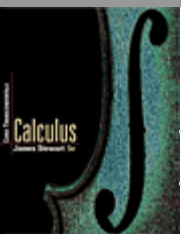
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News and Announcements

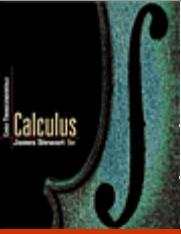
Welcome to the new Stewart Calculus web site. The web site has been redesigned to give you easy access to study materials, book supplements and challenge problems that will help you with your study of calculus. Look in this section for information about new material, notices and resources posted to the web site, or features that we would like to draw your attention to. This area will help you identify what has changed since our last update.

Note: Some of the links - such as "Algebra Review" and "Lies My Calculator and Computer Told Me" - point to Acrobat PDF files. For ease of navigation, these links open in a new browser window. If you can't open these links, please disable your popup blocker for this site.

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Chapters



Choose the appropriate chapter



Tutorial Quiz

The Web Quiz link is here.

Web Links

Chapter 2: Limits and Derivatives

[Visual Calculus / Limits and Continuity](#)
An excellent site that has tutorials covering virtually everything about limits, continuity, and asymptotes. Limits are presented numerically, graphically, and symbolically. It also has interactive online applets, practice problems with solutions, examples, quizzes, and tutorials on using graphing calculators.

Section 2.1: The Tangent and Velocity Problems

[Animated Secant Approaching the Tangent](#)
A Java applet animation that shows a secant approaching the tangent line.

Section 2.4: The Precise Definition of a Limit

[Definition of Limit](#)
A presentation of the definition of limit, along with a number of solved examples.

Section 2.5: Continuity

[Continuity and Discontinuity](#)
Definitions and examples of continuity and discontinuity both at single points and on intervals.

Section 2.6: Limits at Infinity; Horizontal Asymptotes

[Limits of Functions as \$x\$ Approaches Infinity](#)
Practice questions provided by UC Davis, with solutions.

Section 2.7: Tangents, Velocities, and Other Rates of Change

[Tangent Line as the Limit of Secant Lines](#)
Construction of the tangent line as the limit of secant lines at a point.

[Rate of Change Applied to Import/Export](#)
Discussion of rates of change with an example using export data

[Visual Calculus / Derivatives](#)
An excellent site that has tutorials covering virtually everything about derivatives. It also has interactive online applets, practice problems with solutions, examples,