Chapter 2   Technology Application Projects

Mathematica-Maple Module
Take It to the Limit
Part I
Part II (Zero Raised to the Power Zero: What Does it Mean?)
Part III (One-Sided Limits)
Visualize and interpret the limit concept through graphical and numerical explorations.
Part IV (What a Difference a Power Makes)
See how sensitive limits can be with various powers of x.

Mathematica-Maple Module
Going to Infinity
Part I (Exploring Function Behavior as $x \to \infty$ or $x \to -\infty$)
This module provides four examples to explore the behavior of a function as $x \to \infty$ or $x \to -\infty$.
Part II (Rates of Growth)
Observe graphs that *appear* to be continuous, yet the function is not continuous. Several issues of continuity are explored to obtain results that you may find surprising.