

## Chapter 11 Technology Application Projects

### Mathematica/Maple Module

#### *Bouncing Ball*

The model predicts the height of a bouncing ball, and the time until it stops bouncing.

### Mathematica/Maple Module

#### *Taylor Polynomial Approximations of a Function*

A graphical animation shows the convergence of the Taylor polynomials to functions having derivatives of all orders over an interval in their domains.