

Chapter 10 Technology Application Projects

Mathematica/Maple Module

Radar Tracking of a Moving Object

Part I: Convert from polar to Cartesian coordinates.

Mathematica/Maple Module

Parametric and Polar Equations with a Figure Skater

Part I: Visualize position, velocity, and acceleration to analyze motion defined by parametric equations.

Part II: Find and analyze the equations of motion for a figure skater tracing a polar plot.