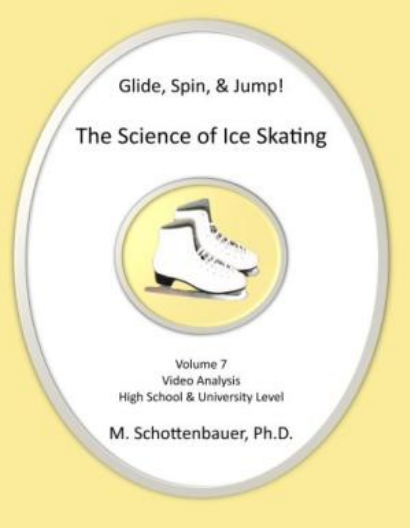

Glide, Spin, Jump: The Science of Ice Skating: Volume 7: Data and Graphs for Science Lab: Video Analysis

By M. Schottenbauer

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 11.0in. x 8.5in. x 0.1in.Learn about the Physics of Ice Skating! Translational and Rotational Motion! Position, Velocity, and Acceleration! In this book, readers gain access to real scientific data pertaining to the science of ice skating, promoting graph-reading, comparison, contrast, and calculation skills. Graphs show data from the following scientific instrument: Video Analysis This book allows readers to analyze real data without purchasing expensive lab equipment. Graphs show the movement of a skater across synthetic ice. These graphs show the positions of head, shoulders, elbows, hands, hips, knees, ankles, and toes, with x-y coordinates plotted against time. Skating samples analyzed include forward and backward motion, starting and stopping, various turns (3-turns, mohawks), footwork (spirals, spread eagles), spins (forward and back scratch spins, camel, sit spin), and jumps (stag jump, half flip, half axel). These data can be used for lesson plans by teachers and parents. This item ships from La Vergne,TN. Paperback.

Reviews

It in one of the most popular book. I am quite late in start reading this one, but better then never. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Camylle Larson***

Basically no words and phrases to describe. It is really simplified but unexpected situations in the fifty percent of your book. I am delighted to let you know that here is the very best publication i have got go through within my very own lifestyle and might be he greatest publication for actually.

-- ***Watson Kohler***