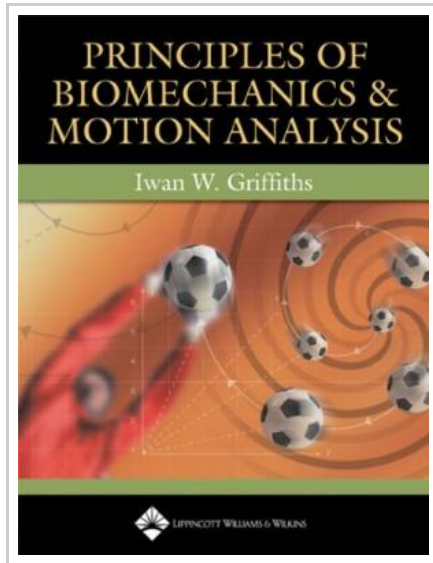




Principles of Biomechanics & Motion Analysis

By Griffiths, Iwan W.

Lippincott Williams & Wilkins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Chapter 1. Scalar Quantities and Vector Quantities in Biomechanics 1.1 Scalars and Vectors 1.2 Addition of Scalars 1.3 Addition of Vectors 1.4 Parallelogram Rule 1.5 Resolution of Vectors into Components 1.6 Unit Vectors I, J, K 1.7 Scalar Products of Two Vectors 1.8 Vector Products of Two Vectors Chapter 2. Linear Kinematics 2.1 The Law of Inertia 2.2 Methods of Measuring an Object's Speed or Velocity 2.3 Graphical Means of Deriving Velocity 2.4 Equations for Speed and Velocity 2.5 Acceleration as the Slope of V-T Graph 2.6 Frames of Reference 2.7 Projectiles Chapter 3. Equilibrium 3.1 The Effect of Friction 3.2 Moments of Forces 3.3 Parallel Forces 3.4 Centre of Gravity 3.5 Couples 3.6 Bodies at Rest 3.7 Equilibrium Under the Action of Two Forces 3.8 The Centre of Mass of a Stationary Body 3.9 Equilibrium Under the Action of Three Forces 3.10 Hydrostatics and Flotation Chapter 4. Motion in a Straight Line (Dynamics I) 4.1 Inertia and Mass 4.2 Force 4.3 Newton's First Law 4.4 Gravitational Forces 4.5 Newton's Second Law 4.6 The Acceleration due to Gravity and Weight 4.7...



READ ONLINE
[6.17 MB]

Reviews

Completely essential go through book. I actually have go through and i am sure that i am going to going to read yet again yet again later on. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Edwardo Rohan III**

The book is fantastic and great. This is for anyone who statte there was not a worthy of reading. I found out this publication from my i and dad advised this pdf to learn.

-- **Pete Paucek DVM**