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Frame without Rotation ; 3-2 Change of Reference Frame with Rotation ; 3-2-1 Calculation of Positions in a Change of Reference Frame ; 3-2-2 Invariance of Distances in a Change of Reference Frame 3-2-3 Calculation of Velocities in a Change of Reference Frame 3-2-4 Calculation of Accelerations in a Change of Reference Frame ; 3-2-5 Derivative of a Vector in a Rotating Reference Frame ; 3-2-6 Equivalence Between the Lorentz Force and Non-inertial Terms 3-2-7 Calculation of the Stress and Rotation Dyads in a Change of Reference Frame

Sommario/riassunto

This book is aimed at a large audience: scientists, engineers, professors and students wise enough to keep a critical stance whenever confronted with the chilling dogmas of contemporary physics. Readers will find a tantalizing amount of material calculated to nurture their thoughts and arouse their suspicion, to some degree at least, on the so-called validity of today's most celebrated physical theories.
Contents:
Wave Meaning of the Special Relativity Theory
Change of Reference Frame
Relativistic and Classical Mechanics
Experimental Tests of Special