

Contents

Preface		vii
Introduction		1
Chapter 1	The Pythagorean Theorem	5
Chapter 2	Signed Numbers	13
Chapter 3	Vectors	17
Chapter 4	Components and Coordinates. Spaces of Higher Dimension	31
Chapter 5	Momentum and Energy. Elastic Impact	41
Chapter 6	Inelastic Impact	55
Chapter 7	Space and Time Measurement in the Special Theory of Relativity	63
Chapter 8	Momentum and Energy in the Special Theory of Relativity. Impact	79