

Contents



Mathematical Poetry 1

Introduction

Apples and Oranges 9

Isaac Newton and the Universal Law of Gravity

$$F = G \times M \times m \div d^2$$

Between a Rock and a Hard Life 65

Daniel Bernoulli and the Law of Hydrodynamic Pressure

$$P + \rho \times \frac{1}{2} v^2 = \text{CONSTANT}$$

Class Act 119

Michael Faraday and the Law of Electromagnetic Induction

$$\nabla \times E = -\partial B / \partial t$$

An Unprofitable Experience 165

Rudolf Clausius and the Second Law of Thermodynamics

$$\Delta S_{\text{universe}} > 0$$

Curiosity Killed the Lights 215

Albert Einstein and the Theory of Special Relativity

$$E = m \times c^2$$

Index 267