

Contents

Preface to the New Edition · vii

Preface to Abridged Edition · xii

Publisher's Note to the Original Edition · xiii

Translator's Note · xvi

Principles of Research · 1

Inaugural Address to the Prussian Academy of
Sciences · 5

On Scientific Truth · 9

On the Method of Theoretical Physics · 10

Johannes Kepler · 18

The Mechanics of Newton and Their Influence on the
Development of Theoretical Physics · 23

Clerk Maxwell's Influence on the Evolution of the Idea of
Physical Reality · 33

Niels Bohr · 39

On the Theory of Relativity · 41

What Is the Theory of Relativity? · 45

The Problem of Space, Ether, and the Field in Physics · 51

Notes on the Origin of the General Theory of
Relativity · 65

The Cause of the Formation of Meanders in the Courses of
Rivers and of the So-Called Beer's Law · 71

The Flettner Ship · 77

Relativity and the Ether · 82

Address at Columbia University · 94

A Biography of Albert Einstein · 97