

CONTENTS

<i>Preface</i>	<i>page</i> vii
I What are Physics and Philosophy?	i
II How do we know? (Descartes to Kant; Eddington)	32
III The two voices of Science and Philosophy (Plato to the present)	82
IV The Passing of the Mechanical Age (Newton to Einstein)	105
V The New Physics (Planck, Rutherford, Bohr)	126
VI From Appearance to Reality (Bohr, Heisenberg, de Broglie, Schrödinger, Dirac)	153
VII Some Problems of Philosophy	174
<i>Index</i>	219