

Contents

Preface

vii

1

The Scientist [1946]

1

2

The Pursuit of Science: Its Motivations [1985]

15

3

THE NORA AND EDWARD RYERSON LECTURE
Shakespeare, Newton, and Beethoven, or Patterns of Creativity
[1975]

29

4

Beauty and the Quest for Beauty in Science [1979]

59

5

MILNE LECTURE

Edward Arthur Milne: His Part in the Development of Modern
Astrophysics [1979]

74

6

ARTHUR STANLEY EDDINGTON CENTENARY LECTURES

[1982]

Eddington: The Most Distinguished Astrophysicist of His Time

93

Eddington: The Expositor and the Exponent of General Relativity

110

7

KARL SCHWARZSCHILD LECTURE

The Aesthetic Base of the General Theory of Relativity [1986]

144