

Contents

Preface	vii
Introduction Science, Values, and Objectivity Peter Machamer and Gereon Wolters	1
1 The Epistemic, the Cognitive, and the Social Larry Laudan	14
2 Is There a Significant Distinction between Cognitive and Social Values? Hugh Lacey	24
3 Epistemic and Nonepistemic Values in Science Mauro Dorato	52
4 The Social in the Epistemic Peter Machamer and Lisa Osbeck	78
5 Transcending the Discourse of Social Influences Barry Barnes	90
6 Between Science and Values Peter Weingart	112
7 How Values Can Be Good for Science Helen E. Longino	127

8	“Social” Objectivity and the Objectivity of Value Tara Smith	143
9	On the Objectivity of Facts, Beliefs, and Values Wolfgang Spohn	172
10	A Case Study in Objectifying Values in Science Mark A. Bedau	190
11	Border Skirmishes between Science and Policy Autonomy, Responsibility, and Values Heather E. Douglas	220
12	The Prescribed and Proscribed Values in Science Policy Sandra D. Mitchell	245
13	Bioethics Its Foundation and Application in Political Decision Making Felix Thiele	256
14	Knowledge and Control On the Bearing of Epistemic Values in Applied Science Martin Carrier	275
15	Law and Science Eric Hilgendorf	294
	Index	311