

# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Coordination and Advice</b>	<b>7</b>
2.1	When There Is None	9
2.2	From Division of Labor to Dependence on Advice	11
2.3	Autonomy and Coordination	15
2.4	Coordination Through Advice	18
2.5	Advice in Political Coordination	19
2.5.1	Dictatorship and Consent	20
2.5.2	Under Democracy	21
2.5.3	Advice and Meta-Advice in Politics	25
2.6	Advice in Economic Coordination	34
2.6.1	Central Planning	35
2.6.2	Market	40
2.7	Homo Follis	43
<b>3</b>	<b>Conceptual Analysis of Advice</b>	<b>47</b>
3.1	Rigorous Definition	51
3.1.1	Ostensive and Intensional Definitions	51
3.1.2	Primitive Terms	54
3.1.3	Criteria from Standard Theory	58
3.2	Signs to Objects and Back, via Concepts	61
3.2.1	Signs	62
3.2.2	Objects and Concepts	63
3.2.3	Relating Signs, Objects, and Concepts	65
3.2.4	Sings, Objects, and Concepts, in Advice	78
3.3	Ontology and Primitive Terms	82
3.3.1	Ontology in Philosophy	83
3.3.2	On the Engineering of Ontologies	89
3.4	Advice, Defined	97
3.4.1	Initial Ontological Commitments	97
3.4.2	Advice in Communication, Communication as Action	99

3.4.3	Essential Properties of and Identity Criteria for Advice .....	104
3.4.4	What Advice Is Not, but May Refer To.....	107
3.5	Relativist's Conceptual Analysis .....	110
<b>4</b>	<b>Interpretation of Advice.....</b>	<b>115</b>
4.1	Open Reference .....	118
4.2	Vague Advice.....	123
4.3	Referent Lost .....	132
<b>5</b>	<b>Kinds of Advice .....</b>	<b>141</b>
5.1	Classification from a Model of Choice.....	143
5.2	Perfect and Bounded Rational Choice .....	146
5.2.1	Ontology of Decision Analysis .....	150
5.2.2	Ontology of Choice in Organized Anarchies .....	152
5.2.3	Ontology of Intervowen Organisational Choice .....	154
5.3	Intolerance for Substitutes .....	157
5.3.1	Probability Intolerance .....	160
5.3.2	Utility Intolerance .....	168
5.4	Decision Information .....	172
5.4.1	Revealed Intentional States.....	173
5.4.2	Decision Information Ontology .....	183
5.4.3	Synthesis of the Decision Information Ontology.....	194
5.5	Taxonomy of Advice.....	196
5.5.1	Whose Explanations?.....	196
5.5.2	Specialization of the Concept of Advice .....	198
5.6	Reinterpreting Advice .....	202
<b>6</b>	<b>Advisor's Problem and Its Solutions.....</b>	<b>207</b>
6.1	Advice from Simple Explanations and Predictions.....	210
6.2	Models of Advice: An Overview .....	213
6.2.1	Introductory Example .....	213
6.2.2	Overview of the Framework for the Modeling of Advice .....	219
6.3	Modeling Language.....	224
6.3.1	AML2 .....	225
6.3.2	AML1 .....	236
6.3.3	AML.....	245
6.3.4	A-nets .....	254
6.3.5	Why the Interest in Structure? .....	257
6.4	Formulation of the Advisor's Problem .....	259
6.5	Solving the Advisor's Problem .....	265
6.6	Criteria for a Robust Solution .....	273

Contents	xiii
6.7 Criteria for a Clear Solution .....	280
6.8 Criteria from Empirical Evidence .....	281
<b>7 Perspectives</b> .....	<b>285</b>
<b>References</b> .....	<b>287</b>
<b>Index</b> .....	<b>297</b>