

Melvin Fitting · Brian Rayman
Editors

Raymond Smullyan on Self Reference

Contents

1	Introduction	1
	Melvin Fitting	
2	Formal Systems, Logics, and Programs	23
	Robert L. Constable	
3	Adaptive Fault Diagnosis using Self-Referential Reasoning	39
	Robert Cowen	
4	Russell's Paradox, Gödel's Theorem	47
	Melvin Fitting	
5	Dance of the Starlings	67
	Henk Barendregt, Jörg Endrullis, Jan Willem Klop and Johannes Waldmann	
6	Some Tweets About Mockingbirds	113
	Rick Statman	
7	Knights, Knaves, Truth, Truthfulness, Grounding, Tethering, Aboutness, and Paradox	123
	Stephen Yablo	
8	What I Tell You Three Times Is True	141
	Martin Davis	
9	Gödel, Lucas, and the Soul-Searching Selfie	147
	Vann McGee	
10	An Island Tale for Young Anthropologists	165
	Andrew G. Buchanan and John H. Conway	

11	Making The ‘Hardest Logic Puzzle Ever’ a Bit Harder	181
	Walter Carnielli	
12	Bibliography of Raymond Smullyan	191
	Raymond M. Smullyan	