

Contents

Prologue: New Analyses on Representation and Models	vii
Wenceslao J. Gonzalez	

Part I Philosophical Coordinates

1 On Representation and Models in Bas van Fraassen's Approach	3
Wenceslao J. Gonzalez	
2 Scientific Activity as an Interpretative Practice. Empiricism, Constructivism and Pragmatism	39
Inmaculada Perdomo	
3 Models and Phenomena: Bas van Fraassen's Empiricist Structuralism	63
Valeriano Iranzo	

Part II Models and Representations

4 The Criterion of Empirical Grounding in the Sciences	79
Bas C. van Fraassen	
5 On Representing Evidence	101
Maria Carla Galavotti	

Part III Models and Reality

6 Scientific Models of Abduction: The Role of Non Classical Logic	121
Ángel Nepomuceno	

7	The View <i>from Within</i> and the View <i>from Above</i>: Looking at van Fraassen's Perrin	143
	Stathis Psillos	
 Part IV Scientific Explanation and Epistemic Values Judgments		
8	Explanation as a Pragmatic Virtue: Bas van Fraassen's Model	169
	Margarita Santana	
9	Values, Choices, and Epistemic Stances	189
	Bas C. van Fraassen	
	Index of Names	213
	Subject Index	221

Bas van Fraassen's Approach to Representation and
Models in Science

Gonzalez, W.J. (Ed.)

2014, XIII, 233 p. 3 illus., Hardcover

ISBN: 978-94-007-7837-5