

ProtoSociology

An International Journal of Interdisciplinary Research

Volume 25, 2008

Philosophy of Mathematics –
Set Theory, Measuring Theories, and Nominalism

Content s

Part I

Set Theory, Inconsistency, and Measuring Theories

<i>Douglas Patterson</i> Representationalism and Set-Theoretic Paradox.....	7
<i>Mark Colyvan</i> Who's Afraid of Inconsistent Mathematics?	24
<i>Andrew Arana</i> Logical and Semantic Purity	36
<i>Wilhelm K. Essler</i> On Using Measuring Numbers according to Measuring Theories	49

Part II

The Challenge of Nominalism

<i>Jody Azzouni</i> The Compulsion to Believe: Logical Inference and Normativity	69
<i>Otávio Bueno</i> Nominalism and Mathematical Intuition	89
<i>Yvonne Raley</i> Jobless Objects: Mathematical Posits in Crisis	108

<i>Susan Vineberg</i>	
Is Indispensability Still a Problem for Fictionalism?	128

Part III

Historical Background

<i>Madeline Muntersbjorn</i>	
Mill, Frege and the Unity of Mathematics	143
<i>Raffaella De Rosa and Otávio Bueno</i>	
Descartes on Mathematical Essences	160

On Contemporary Philosophy and Sociology

<i>Nicholas Rescher</i>	
Presumption and the Judgement of Elites	181
<i>Steven I. Miller, Marcel Fredericks, Frank J. Perino</i>	
Social Science Research and Policymaking: Meta-Analysis and Paradox	186
<i>Adam Sennet</i>	
Hidden Indexicals and Pronouns	206
<i>Nikola Kompa</i>	
Review: Stephen Schiffer, <i>The Things We Mean</i>	216
<i>J. Gregory Keller</i>	
Agency Implies Weakness of Will	226
Contributors	241
Impressum	243
On ProtoSociology	244
Published Volumes	245
Cooperations/Announcements	254