

# Contents

## Part I The Construction of Historical Categories

<b>1 Remarks on the Pre-history of the Mechanical Philosophy .....</b>	<b>3</b>
Daniel Garber	
<b>2 How Bacon Became Baconian.....</b>	<b>27</b>
Guido Giglioni	
<b>3 An Empire Divided: French Natural Philosophy (1670–1690) .....</b>	<b>55</b>
Sophie Roux	

## Part II Matter, Motion, Physics and Mathematics

<b>4 Matter and Form in Sixteenth-Century Spain: Some Case Studies.....</b>	<b>99</b>
Victor Navarro-Brotóns	
<b>5 The Composition of Space, Time and Matter According to Isaac Newton and John Keill .....</b>	<b>117</b>
Carla Rita Palmerino	
<b>6 Beeckman, Descartes and Physico-Mathematics .....</b>	<b>143</b>
Frédéric de Buzon	
<b>7 Between Mathematics and Experimental Philosophy: Hydrostatics in Scotland About 1700 .....</b>	<b>159</b>
Antoni Malet	

## Part III Mechanical Philosophy Applied

<b>8 From a Metaphysical to a Scientific Object: Mechanizing Light in Galilean Science.....</b>	<b>191</b>
Susana Gómez	

<b>9 Causation in Descartes' <i>Les Météores</i> and Late Renaissance Aristotelian Meteorology .....</b>	217
Craig Martin	
<b>10 Descartes' Healthy Machines and the Human Exception .....</b>	237
Gideon Manning	
<b>11 Mechanism and Surgery: Dionis' <i>Anatomy</i> (1690).....</b>	263
Jacques Lambert	
<b>12 Du Clos and the Mechanization of Chemical Philosophy.....</b>	285
Rémi Franckowiak	
<b>Erratum .....</b>	E1
<b>Bibliography .....</b>	303
<b>Author Index.....</b>	329
<b>Subject Index.....</b>	335