

Contents

Chapter I The Greek Legacy	1
Chapter II Applied Geometry	14
Chapter III Mathematical Responses to Desargues' <i>Rough Draft on Conics</i>	31
Chapter IV The Mathematical Content of the <i>Rough Draft on Conics</i>	47
Chapter V Translators' Preface	60
Chapter VI The <i>Rough Draft on Conics</i> (1639)	69
Chapter VII The <i>Perspective</i> (1636)	144
Chapter VIII The Three Geometrical Propositions of 1648	161
Chapter IX The Sundial Treatise (1640)	170
Appendix 1 Letter from Descartes to Desargues (19 June 1639)	176
Appendix 2 Letter from Beaugrand to Desargues (25 July 1639)	178

Appendix 3	
Pascal's <i>Essay on Conics</i> (1640)	180
Appendix 4	
Kepler's Invention of Points at Infinity	185
Appendix 5	
The French Text of Desargues' <i>Perspective</i> (1636)	189
Notes	202
Bibliography	223
Index of the Technical Terms in Desargues' <i>Rough Draft on Conics</i>	233
Index	235