

Contents

Preface	vii
Part I: Federico Gaeta	
<i>I. Sols</i>	
Federico Gaeta, Among the Last Classics	3
<i>C. Ciliberto</i>	
Federico Gaeta and His Italian Heritage	9
Articles Published by Federico Gaeta	35
Part II: Linkage Theory	
<i>R.M. Miró-Roig</i>	
Gaeta's Work on Liaison Theory: An Appreciation	41
<i>E. Gorla</i>	
Symmetric Ladders and G-biliaison	49
<i>J.O. Kleppe</i>	
Liaison Invariants and the Hilbert Scheme of Codimension 2	
Subschemes in \mathbb{P}^{n+2}	63
<i>J. Migliore and U. Nagel</i>	
Minimal Links and a Result of Gaeta	103
<i>S. Greco and R.M. Miró-Roig</i>	
On the Existence of Maximal Rank Curves with Prescribed	
Hartshorne-Rao Module	133
<i>R. Notari, I. Ojeda and M.L. Spreafico</i>	
Doubling Rational Normal Curves	149

Part III: The Schottky Problem*E. Gómez and J.M. Muñoz*

Survey on the Schottky Problem 191

*I. Krichever and T. Shiota*Abelian Solutions of the Soliton Equations and Geometry
of Abelian Varieties 197*S. Grushevsky*A Special Case of the Γ_{00} Conjecture 223**Part IV: Computation in Algebraic Geometry***M.E. Alonso García*

Federico Gaeta: His Last Ten Years of Mathematical Activity 235

E. Briand

Covariants Vanishing on Totally Decomposable Forms 237

*F. Gaeta*Symmetric Functions and Secant Spaces of Rational
Normal Curves 257