Contents

Credits and Acknowledgments ix
Introduction by Michael Rosen 1

Books by Emil Artin

The Gamma Function 13
Galois Theory 61
Theory of Algebraic Numbers 109

Papers by Emil Artin

Axiomatic Characterization of Fields by the Product Formula for Valuations (with George Whaples) 241
A Note on Axiomatic Characterization of Fields (with George Whaples) 265
A Characterization of the Field of Real Algebraic Numbers (Kennzeichnung der Körper der reellen algebraischen Zahlen) 269
The Algebraic Construction of Real Fields (Algebraische Konstruction reeller Körper)(with Otto Schreier) 273
A Characterization of Real Closed Fields (Kennzeichnung der reellen abgeschlossen Körper)(with Otto Schreier) 285
The Theory of Braids 291
Theory of Braids 299
On the Theory of Complex Functions 325
A Proof of the Krein-Milman Theorem 335