

CONTENTS

Crelle Bicentennial Edition: Preface	i
Acknowledgements	ii
C. Goldstein , Crelle’s <i>Journal</i> and its peers	1
1826–1850	
G. Eisenstein , Geometric proof of the fundamental theorem of quadratic residues	21
J. Schwermer , Eisenstein’s lens – a geometric view of the fundamental theorem for quadratic residues	25
1851–1875	
H. A. Schwarz , On the cases when the Gaussian hypergeometric series represents an algebraic function of its fourth element	43
C. Goldstein , At the crossroads: H. A. Schwarz on linear differential equations	77
1876–1900	
L. Kronecker , On the theory of abelian equations	103
N. Schappacher , On “Kronecker’s journal”, handwritten lecture notes, and Jacobi sums	128
1901–1925	
J. Schur , On the representation of finite groups by fractional linear substitutions	141
G. Williamson , Schur and the birth of projective representations	164
1926–1950	
R. Brauer , H. Hasse , E. Noether , Proof of a main theorem in the theory of algebras	183
J. Schwermer , Class field theory – Cyclic algebras, Brauer groups, and a local-global principle	189
1951–1975	
B. J. Birch , H. P. F. Swinnerton-Dyer , Notes on elliptic curves I & II	211
Y. Kezuka , D. Zagier , The conjecture of Birch and Swinnerton-Dyer	268
1976–2000	
A. Beauville , M. S. Narasimhan , S. Ramanan , Spectral curves and the generalised theta divisor	287
N. Hitchin , Spectral curves and their impact	298
2001–2025	
C. T. McMullen , Dynamics on K3 surfaces: Salem numbers and Siegel disks	311
S. Cantat , Dynamical degrees, entropy, and Fatou sets	342