

1. Record Nr.	UNINA9910647398103321
Autore	Roquette Peter <1962->
Titolo	The Hasse-Noether correspondence 1925-1935 : English translation with extensive commentary // Peter Roquette, Franz Lemmermeyer ; translated by Robert Perlis
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-031-12880-X
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (328 pages)
Collana	Lecture notes in mathematics ; ; Volume 2317
Disciplina	512.74
Soggetti	Class field theory Mathematicians Història de la matemàtica Teoria de cossos de classe Matemàtics Llibres electrònics Alemanya
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Preface -- Contents -- 1 Introduction -- 2 Class Field Theory -- 2.1 Takagi's Results -- 2.2 Artin's Reciprocity Law -- 2.3 Hasse's Local Class Field Theory -- 2.4 Noether's Algebras: Local Case -- 2.5 Local to Global -- 2.6 Herbrand and Chevalley -- 3 The Letters -- 3.1 Postcard of January 19, 1925 -- 3.2 Letter of November 03, 1926 -- 3.3 Postcard of November 10, 1926 -- 3.4 Letter of November 17, 1926 -- 3.5 Letter of December 11, 1926 -- 3.6 Letter of January 03, 1927 -- 3.7 Postcard of October 04, 1927 -- 3.8 Hasse's Letter of October 06, 1927 -- 3.9 Postcard of October 19, 1927 -- 3.10 Postcard of October 26, 1927 -- 3.11 Postcard of November 01, 1927 -- 3.12 Postcard of December 26, 1927 -- 3.13 Postcard of January 06, 1928 -- 3.14 Postcard of May 02, 1928 -- 3.15 Letter of May 14, 1928 -- 3.16 Postcard of August 12, 1929 -- 3.17 Letter of October 02, 1929 -- 3.18 Letter of October 07, 1929 -- 3.19 Postcard of November 13, 1929 -- 3.20 Postcard of June 25, 1930 -- 3.21 Letter of October

10, 1930 -- 3.22 Postcard of November 02, 1930 -- 3.23 Letter of December 19, 1930 -- 3.24 Letter of December 24, 1930 -- 3.25 Letter of February 08, 1931 -- 3.26 Postcard of March 23, 1931 -- 3.27 Postcard of April 12, 1931 -- 3.28 Letter of June 02, 1931 -- 3.29 Postcard of August 22, 1931 -- 3.30 Postcard of August 24, 1931 -- 3.31 Letter of October 04, 1931 -- 3.32 Postcard of October 23, 1931 -- 3.33 Postcard of October 27, 1931 -- 3.34 Letter of November 08, 1931 -- 3.35 Attachment to Letter of November 08, 1931 -- 3.36 Postcard of November 10, 1931 -- 3.37 Letter of November 12, 1931 -- 3.38 Letter of November 14, 1931 -- 3.39 Letter of November 22, 1931 -- 3.40 Postcard of December 02, 1931 -- 3.41 Letter of January 1932 -- 3.42 Postcard of January 27, 1932 -- 3.43 Letter of February 08, 1932 -- 3.44 Postcard of February 11, 1932. 3.45 Letter of March 15, 1932 -- 3.46 Letter of March 26, 1932 -- 3.47 Letter of April 05, 1932 -- 3.48 Letter of April 14, 1932 -- 3.49 Letter of April 27, 1932 -- 3.50 Postcard of May 02, 1932 -- 3.51 Letter of June 03, 1932 -- 3.52 Letter of June 1932 -- 3.53 Letter of June 07, 1932 -- 3.54 Postcard of June 14, 1932 -- 3.55 Postcard of June 16, 1932 -- 3.56 Postcard of July 21, 1932 -- 3.57 Postcard of August 03, 1932 -- 3.58 Letter of August 09, 1932 -- 3.59 Letter of October 29, 1932 -- 3.60 Postcard of November 25, 1932 -- 3.61 Postcard of November 30, 1932 -- 3.62 Postcard of December 09, 1932 -- 3.63 Postcard of December 11, 1932 -- 3.64 Letter of December 26, 1932 -- 3.65 Postcard of February 2, 1933 -- 3.66 Letter of March 3, 1933 -- 3.67 Letter of March 22, 1933 -- 3.68 Letter of May 10, 1933 -- 3.69 Letter of June 21, 1933 -- 3.70 Postcard of June 27, 1933 -- 3.71 Letter of July 21, 1933 -- 3.72 Letter of September 07, 1933 -- 3.73 Postcard of September 13, 1933 -- 3.74 Letter of March 6, 1934 -- 3.75 Letter of April 26, 1934 -- 3.76 Letter of June 21, 1934 -- 3.77 Letter of July 15, 1934 -- 3.78 Letter of October 31, 1934 -- 3.79 Letter from Hasse of November 19, 1934 -- 3.80 Postcard of November 23, 1934 -- 3.81 Postcard of November 28, 1934 -- 3.82 Letter from Hasse of December 17, 1934 -- 3.83 Letter of April 7, 1935 -- Bibliography -- Index.

Sommario/riassunto

Providing the first comprehensive account of the widely unknown cooperation and friendship between Emmy Noether and Helmut Hasse, this book contains English translations of all available letters which were exchanged between them in the years 1925-1935. It features a special chapter on class field theory, a subject which was completely renewed in those years, Noether and Hasse being among its main proponents. These historical items give evidence that Emmy Noether's impact on the development of mathematics is not confined to abstract algebra but also extends to important ideas in modern class field theory as part of algebraic number theory. In her letters, details of proofs appear alongside conjectures and speculations, offering a rich source for those who are interested in the rise and development of mathematical notions and ideas. The letters are supplemented by extensive comments, helping the reader to understand their content within the mathematical environment of the 1920s and 1930s. .
