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   Titolo   Southwest archaeology in the twentieth century [[electronic resource] /]
                       / edited by Linda S. Cordell and Don D. Fowler

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   Altri autori (Persone)   CordellLinda S
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   Soggetti   Indians of North America - Southwest, New - Antiquities
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   Nota di contenuto   Introduction / Don D. Fowler and Linda S. Cordell -- The formative
                       years : southwest archaeology, 1890-1910 / Don D. Fowler --
                       Paradigms, professionals, and the making of southwest archaeology,
                       1910-1920 / James E. Snead -- Seven years that reshaped southwest
                       prehistory / J. Jefferson Reid and Stephanie M. Whittlesey -- Curricular
                       matters : the impact of field schools on southwest archaeology /
                       Barbara J. Mills -- The development of archaeology in northwest
                       Mexico / Jane H. Kelley and A.C. MacWilliams -- From the academy to
                       the private sector : CRM's rapid transformation within the
                       archaeological profession / William H. Doelle and David A. Phillips, Jr.
                       -- Southwest archaeology today with an eye to the future / Linda S.
                       Cordell -- Paleoenvironmental reconstructions and archaeology :
                       uniting the social and natural sciences in the American Southwest and
                       beyond / Stephen E. Nash and Jeffrey S. Dean -- The first 10,000 years
                       in the Southwest / Bruce B. Huckell -- Complexity / Stephen H. Lekson
                       -- Ethnicity and southwestern archaeology / Robert W. Preucel --
                       Ethnographic analogy and ancestral Pueblo archaeology / Katherine A.
                       Spielmann -- "The feeling of working completely in the dark" : the
                       uncertain foundations of southwestern mission archaeology / James E.

Ivey and David Hurst Thomas -- Discussion of southwest archaeology in the twentieth century / David R. Wilcox.

2.	Record Nr.	UNINA9910731456903321
	Autore	Fried Michael D
	Titolo	Field Arithmetic / / by Michael D. Fried, Moshe Jarden
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
	ISBN	3-031-28020-2
	Edizione	[4th ed. 2023.]
	Descrizione fisica	1 online resource (839 pages)
	Collana	Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics, , 2197-5655 ; ; 11
	Altri autori (Persone)	JardenMoshe
	Disciplina	658.40301 512.3
	Soggetti	Algebra Mathematics Geometry, Algebraic Algebraic fields Polynomials Geometry Logic, Symbolic and mathematical Algebraic Geometry Field Theory and Polynomials Mathematical Logic and Foundations
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	Livello bibliografico	Monografia
	Nota di contenuto	1 Infinite Galois Theory and Profinite Groups -- 2 Valuations -- 3 Linear Disjointness -- 4 Algebraic Function Fields of One Variable -- 5 The Riemann Hypothesis for Function Fields -- 6 Plane Curves -- 7 The Chebotarev Density Theorem -- 8 Ultraproducts -- 9 Decision Procedures -- 10 Algebraically Closed Fields -- 11 Elements of Algebraic Geometry -- 12 Pseudo Algebraically Closed Fields -- 13 Hilbertian Fields -- 14 The Classical Hilbertian Fields -- 15 The Diamond Theorem -- 16 Nonstandard Structures -- 17 The Nonstandard Approach to Hilbert's Irreducibility Theorem -- 18 Galois

Groups over Hilbertian Fields -- 19 Small Profinite Groups -- 20 Free Profinite Groups -- 21 The Haar Measure -- 22 Effective Field Theory and Algebraic Geometry -- 23 The Elementary Theory of -Free PAC Fields -- 24 Problems of Arithmetical Geometry -- 25 Projective Groups and Frattini Covers -- 26 PAC Fields and Projective Absolute Galois Groups -- 27 Frobenius Fields -- 28 Free Profinite Groups of Infinite Rank -- 29 Random Elements in Profinite Groups -- 30 Omega-free PAC Fields -- 31 Hilbertian Subfields of Galois Extensions -- 32 Undecidability -- 33 Algebraically Closed Fields with Distinguished Automorphisms -- 34 Galois Stratification -- 35 Galois Stratification over Finite Fields -- 36 Problems of Field Arithmetic.

| Sommario/riassunto | This book uses algebraic tools to study the elementary properties of classes of fields and related algorithmic problems. The first part covers foundational material on infinite Galois theory, profinite groups, algebraic function fields in one variable and plane curves. It provides complete and elementary proofs of the Chebotarev density theorem and the Riemann hypothesis for function fields, together with material on ultraproducts, decision procedures, the elementary theory of algebraically closed fields, undecidability and nonstandard model theory, including a nonstandard proof of Hilbert's irreducibility theorem. The focus then turns to the study of pseudo algebraically closed (PAC) fields, related structures and associated decidability and undecidability results. PAC fields (fields K with the property that every absolutely irreducible variety over K has a rational point) first arose in the elementary theory of finite fields and have deep connections with number theory. Thisfourth edition substantially extends, updates and clarifies the previous editions of this celebrated book, and includes a new chapter on Hilbertian subfields of Galois extensions. Almost every chapter concludes with a set of exercises and bibliographical notes. An appendix presents a selection of open research problems. Drawing from a wide literature at the interface of logic and arithmetic, this detailed and self-contained text can serve both as a textbook for graduate courses and as an invaluable reference for seasoned researchers. |