Título: Galois Theories

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Precio: $1376.00

Editorial:

Año: 2001

Tema:

Edición: 1ª

Sinopsis

ISBN: 9780521070416

Starting from the classical finite-dimensional Galois theory of fields, this book develops Galois theory in a much more general context. The authors first formalize the categorical context in which a general Galois theorem holds, and then give applications to Galois theory for commutative rings, central extensions of groups, the topological theory of covering maps and a Galois theorem for toposes. The book is designed to be accessible to a wide audience, the prerequisites are first courses in algebra and general topology, together with some familiarity with the categorical notions of limit and adjoint functors. For all algebraists and category theorists this book will be a rewarding read.

Pedagogic introduction to general Galois theories
Much of the material appears for the first time in book form
Leading researchers in the field