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Autore	Evans Anthony B. <1949->
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Descrizione fisica	1 online resource (VIII, 116 p.)
Collana	Lecture Notes in Mathematics
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Nota di contenuto	Elementary abelian groups -- Cyclotomic orthomorphisms -- Automorphisms and translation nets -- Further results -- Data for small groups -- Research directions.
Sommario/riassunto	This book is about orthomorphisms and complete mappings of groups, and related constructions of orthogonal latin squares. It brings together, for the first time in book form, many of the results in this area. The aim of this book is to lay the foundations for a theory of orthomorphism graphs of groups, and to encourage research in this area. To this end, many directions for future research are suggested. The material in this book should be accessible to any graduate student who has taken courses in algebra (group theory and field theory). It will mainly be useful in research on combinatorial design theory, group theory and field theory.