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for Incomplete Sets of Orthogonal Latin Squares"; "5.2 Complete Sets of Orthogonal Latin Squares and Projective Planes"; "5.3 Sets of MOLS of Maximum and Minimum Size"
"5.4 Orthogonal Quasigroups, Groupoids and Triple Systems""5.5 Self-Orthogonal and Other Parastrophic Orthogonal Latin Squares and Quasigroups"; "5.6 Orthogonality in Other Structures Related to Latin Squares"; "Chapter 6: Connections Between Latin Squares and Magic Squares"; "6.1 Diagonal (or Magic) Latin Squares"; "6.2 Construction of Magic Squares with the Aid of Orthogonal Latin Squares."; "6.3 Additional Results on Magic Squares"; "6.4 Room Squares: Their Construction and Uses"
"Chapter 7: Constructions of Orthogonal Latin Squares Which Involve Rearrangement of Rows and Columns""7.1 Generalized Bose Construction: Constructions Based on Abelian Groups"; "7.2 The Automorphism Method of H.B. Mann"; "7.3 The Construction of Pairs of Orthogonal Latin Squares of Order Ten"; "7.4 The Column Method"; "7.5 The Diagonal Method"; "7.6 Left Neofields and Orthomorphisms of Groups"; "Chapter 8: Connections with Geometry and Graph Theory"; "8.1 Quasigroups and 3-Nets"; "8.2 Orthogonal Latin Squares, k-Nets and Introduction of Co-ordinates"
"8.3 Latin Squares and Graphs"

Sommario/riassunto

Latin Squares and Their Applications Second edition offers a long-awaited update and reissue of this seminal account of the subject. The revision retains foundational, original material from the frequently-cited 1974 volume but is completely updated throughout. As with the earlier version, the author hopes to take the reader 'from the beginnings of the subject to the frontiers of research'. By omitting a few topics which are no longer of current interest, the book expands upon active and emerging areas. Also, the present state of knowledge regarding the 73 then-unsolved problems given at the
