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Altri autori (Persone)	HulpkeAlexander
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Nota di contenuto	Front matter -- Contents -- A reduction algorithm for matrix groups with an extra special normal subgroup -- A group theoretic approach to (0, 2)-geometries -- Efficient presentations for the Mathieu simple group M22 and its cover -- On the uniqueness of the unipotent subgroups of some Moufang sets -- Symmetric rank 3 designs with regular, elementary abelian, normal subgroups -- On minimal subdegrees of finite primitive permutation groups -- Computing with elation groups -- Finite semifields -- Constructions of quasiprimitive two-arc transitive graphs of product action type -- Symplectic translation planes of even order -- Structural properties of Hadamard designs -- On projective planes of order less than 32 -- Towards effective algorithms for linear groups -- Finite groups that admit Kantor families -- Applications of computer algebra to finite geometry -- Finite translation generalized quadrangles: old results, new results, open problems -- On affine designs and GMW difference sets -- Dimensional dual arcs - a survey -- Back matter
Sommario/riassunto	This volume is the proceedings of a conference on Finite Geometries,

Groups, and Computation that took place on September 4-9, 2004, at Pingree Park, Colorado (a campus of Colorado State University). Not accidentally, the conference coincided with the 60th birthday of William Kantor, and the topics relate to his major research areas. Participants were encouraged to explore the deeper interplay between these fields. The survey papers by Kantor, O'Brien, and Penttila should serve to introduce both students and the broader mathematical community to these important topics and some of their connect