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Titolo	Groups, difference sets, and the monster [[electronic resource]] : proceedings of a special research quarter at the Ohio State University, spring 1993 // editors K.T. Arasu ... [et. al.]
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Altri autori (Persone)	ArasuK. T. <1954->
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Soggetti	Finite groups Difference sets Number theory Mathematical physics
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front matter -- Preface -- PART I GROUPS AND GEOMETRY -- On flag-transitive c.c*-geometries / Baumeister, Barbara -- On the 1-cohomology of the groups $SL_4(2n)$, $SU_4(2n)$, and $Sp_{2n}(2)$ / Dowd, Michael F. -- About a conjecture of Guralnick and Thompson / Frohardt, Daniel / Magaard, Kay -- On the Suzuki groups and the outer automorphisms of S_6 / Glauberman, George -- Note on Lie algebras, finite groups and finite geometries / Kantor, William M. -- m-systems and the BLT property / Shult, Ernest -- A block complex collapsing to the Brauer tree / Smith, Stephen D. -- Some sporadic geometries / Stroth, G. -- The uniqueness case / Stroth, G. -- PART II DIFFERENCE SETS -- Exponent bounds for a family of abelian difference sets / Arasu, K.T. / Davis, James A. / Jedwab, Jonathan / Ma, Siu Lun / McFarland, Robert L. -- A survey of Hadamard difference sets / Davis, James A. / Jedwab, Jonathan -- Difference sets in nilpotent groups with large Frattini quotient: geometric methods and $(375, 34, 3)$ / Liams, Joel E. / Liebler, Robert A. / Smith, Kenneth W. -- A difference set construction of Turyn adapted to semi-direct products / Meisner, D. B. -- Difference sets in groups of order $4p^4$ / Pollatsek, Harriet -- A survey on relative difference sets / Pott, Alexander -- Williamson matrices and difference sets / Xia, Ming-yuan -- Note on Paley type

partial difference sets / Xiang, Qing -- PART II THE MONSTER -- Anti-bracket formalism with the Kahler geometry / Aoyama, S. -- Singular values of Thompson series / Chen, Imin / Yui, Noriko -- Understanding groups like $O(N)$ / Conway, J. H. -- The Monster construction / Conway, J. H. -- On vertex operator algebras as sl_2 -modules / Dong, Chongying / Lin, Zongzhu / Mason, Geoffrey -- Lattices and generalized Hecke operators / Ferenbaugh, Charles R. -- Codes, loops and p -locals / Griess, Robert L. -- A generalization of Kac-Moody algebras / Harada, K. / Miyamoto, M. / Yamada, H. -- A note on the elliptic curves of Harada-Lang / McKay, John -- Ternary codes and 3-orbifold constructions of conformal field theories / Montague, P. S. -- Non-monstrous moonshine / Norton, S. P. -- Monstrous Moonshine and orbifolds / Tuite, Michael P.
