

REFERENZE

- [1] André, J. Über perspektivitäten in endlichen projectiven Ebenen. Arch. Math. 6(1954), 29-32.
- [2] Barriga, O.E. On the planes of Narayana Rao and Satyanarayana. J. Comb. Theory (to appear).
- [3] Bartolone, C. On some translation planes admitting a Frobenius group of collineations. Combinatorics '81', Annals Discr. Math. 18(1983), 37-54.
- [4] Biliotti, M., Menichetti, G. On a generalization of Kantor's likeable planes. Geom. Dedicata 17(1985), 253-277.
- [5] Biliotti, M., Menichetti, G. Derived semifield planes with affine elations. J. Geometry 19(1982), 50-88.
- [6] Biliotti, M., Lunardon, G. Insiemi di derivazione e sottopiani di Baer in un piano di traslazione. Atti. Acc. Naz. Lincei, CL. Sci Fis. Mat. Nat. (8) 69(1980).
- [7] Cohen, S.D. Likeable functions in finite fields. Israel J. Math. 46(1983), 123-126.
- [8] Cohen, S.D., Ganley, M.J. Some classes of translation planes. Oxford Quarterly (13) 35(1984), 101-113.
- [9] Dempwolff, U. Grosse Baer-Untergruppen auf translations-ebenen gerader ordnung, J. Geometry 19(1982), 101-114.
- [10] Denniston, R.H.F. Some packings of projective spaces, Rend. Accad. Naz. Lincei. Cl. Sci. Fis. Mat. Nat (8) 52(1972), 36-40.

- [11] Fink, J.B., Johnson, N.L., Wilke, F.W. Characterization of "likeable" translation planes. *Rend. Circ. Mat. Palermo*, 32(1983), 76-99.
- [12] Foulser, D. Baer p-elements in translation planes. *J. Algebra* 31(1974), 354-366.
- [13] Foulser, D. Subplanes of partial spreads in translation planes. *Bull. London Math. Soc.* 4(1972), 32-38.
- [14] Foulser, D., Johnson, N.L. The translation planes of order q^2 that admit $SL(2,q)$ as a collineation group.
I. Even order. *J. Algebra* 86(1984), 385-406.
- [15] Foulser, D., Johnson, N.L. The translation planes of order q^2 that admit $SL(2,q)$ as a collineation group.
II. Odd order. *J. Geom.* 18(1982), 122-139.
- [16] Foulser, D., Johnson, N.L., Ostrom, T.G. Characterization of the Desarguesian planes of order q^2 by $SL(2,q)$. *Intern. J. Math. and Math. Sci.* 6(1983), 605-608.
- [17] Ganley, M.J. On likeable translation planes of even order. *Arch. Math.* 41(1983), 478-480.
- [18] Ganley, M.J. Baer involutions in semifields of even order. *Geom. Ded.* 2(1973), 499-508.
- [19] Hering, Ch. On shears of translation planes, *Abh. Math. Sem. Univ. Hamburg* 37(1972), 258-268.
- [20] Hering, Ch. On projective planes of type VI. *Atti Convegni Lincei* 17, *Teorie Combinatorie* (1976), 30-53.
- [21] Jha, V. On translation planes which admit solvable autopism groups having a large slope orbit. *Canad. J. Math.* 36(1984), 769-782.

- [22] Jha, V., Johnson, N.L. On spreads in $PG(3, 2^s)$ that admit projective groups of order 2^s . Edinburgh Math. Soc. (to appear).
- [23] Jha, V., Johnson, N.L. Some unusual translation planes of order 64. Arch. Math. 34(1984), 566-571.
- [24] Jha, V., Johnson, N.L. Translation planes of order q^2 that admit collineation groups of order q^2 . II—Transitivity. Atti Sem. Mat. Fis. Univ. Modena (to appear).
- [25] Jha, V., Johnson, N.L. Coexistence of elations and large Baer groups in translation planes. J. London Math. Soc. (to appear).
- [26] Jha, V., Johnson, N.L. Baer involutions in translation planes admitting large elation groups. Resultat d. Math. (submitted).
- [27] Jha, V., Johnson, N.L. A note on finite semifield planes that admit homologies. J. Geom. 24(1985), 566-571.
- [28] Jha, V., Johnson, N.L. Solution to Dempwolff's nonsolvable B-group problem. European J. Comb. (to appear).
- [29] Jha, V., Johnson, N.L. The odd order analogue of Dempwolff's B-group problem. J. Geometry (to appear).
- [30] Jha, V., Johnson, N.L. Derivable nets defined by central collineations. Information and Systems Sci. (submitted).
- [31] Jha, V., Johnson, N.L. Regular parallelisms from translation planes. Discrete Math. (to appear).
- [32] Jha, V., Johnson, N.L. On collineation groups of translation planes of order q^4 . Inter. J. Math. and Math. Sci. (to appear).

- [33] Jha, V., Johnson, N.L. Baer-elation planes. *Rend. Sem. Mat. Univ. Padova* (to appear).
- [34] Jha, V., Johnson, N.L. On regular t-packings. *Note di Mat.* (Lecce) (to appear).
- [35] Jha, V., Johnson, N.L. Notes on the derived Walker planes. *J. Comb. Theory* (to appear).
- [36] Jha, V., Johnson, N.L. On spreads of characteristic p admitting nonsolvable groups whose Sylow p-groups are planar. *Osaka J. Math.* 22(1985), 365-377.
- [37] Jha, V., Johnson, N.L. The linearity question for abelian groups in translation planes (submitted).
- [38] Jha, V., Johnson, N.L., Wilke, F.W. Translation planes of order q^2 that admit a group of order $q^2(q-1)$; Bartolone's Theorem. *Rend. Circ. Mat. Palermo* 33 (1984), 407-424.
- [39] Johnson, N.L. The maximal special linear groups that act on translation planes. *Boll. U.M.I.* (to appear).
- [40] Johnson, N.L. The translation planes of Ott-Schaeffer. *Arch. Math.* 36(1980), 183-192.
- [41] Johnson, N.L. On Desarguesian extensions of elation nets. *J. Geom.* 23(1984), 72-77.
- [42] Johnson, N.L. The translation planes of order 16 that admit $SL(2,4)$. *Annals Discr. Math.* 14(1982), 225-236.
- [43] Johnson, N.L. The translation planes of order 16 admitting nonsolvable collineation groups. *Math. Z.* 185(1984) 355-372.

- [44] Johnson, N.L. The geometry of $GL(2, q)$ in translation planes of even order q^2 . Intern. J. Math. and Math. Sci. 1(1978), 447-458.
- [45] Johnson, N.L. Representations of $SL(2, 4)$ on translation planes of even order. J. Geom. 21(1983), 184-200.
- [46] Johnson, N.L. Foulser's Covering Theorem. Note di Mat. Lecce (to appear).
- [47] Johnson, N.L. Derivable chains of planes. Boll. U.M.I. no. 2 (1969), 167-184.
- [48] Johnson, N.L., Ostrom, T.G. Translation planes of characteristic two in which all involutions are Baer. J. Algebra 2(54) (1978), 291-315.
- [49] Johnson, N.L., Rahilly, A. On elations of derived semifield planes. Proc. London Math. Soc. (3) 35(1977), 76-88.
- [50] Johnson, N.L., Wilke, F.W. Translation planes of order q^2 that admit a collineation group of order q^2 . Geom. Ded. 15(1984), 293-312.
- [51] Kantor, W.M. On point transitive affine planes. Israel J. Math. 42(1982), 227-234.
- [52] Lüneburg, H. Charakterisierungen der endlichen Desargueschen Projektiven Ebenen. Math. Z. 85(1964), 419-450.
- [53] Lunardon, G. On regular parallelisms in $PG(3, q)$. Discrete Math. 51(1984), 229-235.
- [54] Menichetti, G. Sulle radici dei polinomi affini, "Combinatorics '84," (to appear).

- [55] Ostrom, T.G. Linear transformations and collineations of translation planes. *J. Algebra* 3(14) (1970), 405-416.
- [56] Ostrom, T.G. Elementary abelian 2-groups in finite translation planes. *Arch. Math.* 36(1981).
- [57] Ott, U. Über eine neue klasse endlicher translations-ebene, *Math. Z.* 143(1975), 181-185.
- [58] Prohaska, O. Endliche ableitbare affine Ebenen. *Geom. Ded.* 1(1972), 6-17.
- [59] Prohaska, O., Walker, M. Unpublished notes on translation planes.
- [60] Schaeffer, H. Translationsebenen, auf denen die gruppe $SL(2, p^n)$ operiert. *Diplom. Univ. Tübingen*, 1975.
- [61] Vaughan, T.P. Polynomials and linear transformations over finite fields. *J. Reine Angew. Math.* 262(1974), 179-206.
- [62] Walker, M. On translation planes and their collineation groups. *Thesis, Westfield College, Univ. London*, 1973.
- [63] Walker, M. Spreads covered by derivable partial spreads. *J. Comb. Theory, Ser. A*(2) 38(1985), 113-130.
- [64] Yaqub, J.C.D.S. On two theorems of Lüneburg. *Arch. Math.* 17(1966), 485-488.
- [65] Zsigmondy, K. Zur theorie der Potenzreste. *Monatsch. Math. Phys.* 3(1892), 265-284.

Norman L. Johnson
Department of Mathematics
The University of Iowa
Iowa City, IA 52242