

I now have a preprint of Kac's 150-page "Lie superalgebras" (in Russian). So far I have only done a quick browse. Here is a translated table of contents.

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Comments on the bibliography. The preprint [27] largely concerns basic matters. [24] and [25] are listed in this preprint; these journals are at the bindery here at the moment. [30] repairs an earlier duplication of algebras (newsletter 3). The issue containing [31] has not yet arrived here. The translation of [17] has appeared: JETP Lett. 21, no. 11, June 5, 1975, 320-321.

Kevin McCrimmon has pointed out that my GJA preprint [20] is in error. Even in the most favorable case -- simple GJA's of matrices with nonzero trace over an algebraically closed field of characteristic 0 -- there are extra algebras.

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25. \_\_\_\_\_, Proc. R. Soc. Lond. A 344(1975), 175.
26. R. Arnowitt, P. Nath, and B. Zumino, Superfield densities and action principle in curved superspace, Physics Letters 56(1975), 81-84.
27. N. B. Backhouse, The Killing form for graded Lie algebras, preprint, 23 pp.
28. F. A. Berezin and D. A. Leites, Supermanifolds, Doklady 224, no. 3, 505-508 (1975) (Russian)
29. Peter G. O. Freund, Quark parastatistics and color gauging, preprint, 8 pp.
30. D. Ž. Djoković, Isomorphisms of some simple 2-graded Lie algebras, preprint, 10 pp.
31. D. A. Leites, Cohomology of Lie superalgebras, Functional Anal. and its Appl. 9(1975), 75-76 (Russian) no. 4
32. H. Tilgner,  $Z_2$ -graded generalizations of the classical Lie algebras, preprint, 13 pp.
33. \_\_\_\_\_, Extensions of Lie graded algebras, preprint, 16 pp.
34. \_\_\_\_\_, Graded realizations of Weyl and Clifford algebras and their relation to classical Lie algebras of Bogoliubov type, preprint, 9 pp.
35. B. Zumino, Supersymmetry, preprint, 21 pp. (Talk presented at the Northeastern conference on Gauge Theories and Modern Field Theory, Sep. 1975; to appear in conference proceedings, MIT Press.)