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Local and global balance""; ""A20. Signalizers in the known simple groups""; ""A21. Signalizer functors""; ""Chapter 5. Generational properties of K-groups""; ""A22. Generation""; ""A23. Generation of Kgroups""; ""A24. Strongly p-embedded subgroups and proper kgenerated cores in K-groups""; ""A25. Generation of pumpups of the known simple groups""; ""A26. Existence of layers"" "A27. Balance vs. generation"""Chapter 6. Factorizations""; "A28. Factorizations in K-groups""; ""Chapter 7. Miscellaneous general results and lemmas about K-groups""; ""A29. Groups with self-centralizing elementary abelian subgroups of low rank""; ""A30. Miscellaneous special lemmas""; ""A31. p-groups and connectedness""; ""A32. Miscellaneous general lemmas""; ""A33. The fundamental property of groups of characteristic 2 type""; ""Appendix""; ""A34. Elements of order 3 in Chevalley groups of characteristic 2""; ""Part II: The Trichotomy Theorem""; ""Chapter 1. Odd standard form"" ""A1. Introduction""""A2. A preliminary lemma""; ""A3. The pconstrained case""; ""A4. Maximal p-components""; ""A5. Partial standard form""; ""A6. The characteristic of L""; ""A7. The alternating case""; ""A8. The sporadic case""; ""A9. Quasisimplicity""; ""A10. The embedding of B: field automorphisms""; ""A11. The embedding of B: splitting and half-splitting primes""; ""A12. Neighbors""; ""A13. Coda""; "Chapter 2. Signalizer functors and weak proper 2-generated pcores""; ""A1. Introduction""; ""A2. Balance""; ""A3. The p- components of 1[sub(b)]""

"A4. Signalizer functors and pre-uniqueness subgroups""