

Profinite Groups

Bearbeitet von
Luis Ribes, Pavel Zalesskii

1. Auflage 2010. Buch. xiv, 483 S. Hardcover

ISBN 978 3 642 01641 7

Format (B x L): 15,5 x 23,5 cm

Gewicht: 877 g

[Weitere Fachgebiete > Mathematik > Algebra](#)

schnell und portofrei erhältlich bei

The logo for beck-shop.de features the text "beck-shop.de" in a bold, red, sans-serif font. Above the "i" in "shop" are three red dots of increasing size. Below the main text, the words "DIE FACHBUCHHANDLUNG" are written in a smaller, red, all-caps, sans-serif font.

beck-shop.de
DIE FACHBUCHHANDLUNG

Die Online-Fachbuchhandlung beck-shop.de ist spezialisiert auf Fachbücher, insbesondere Recht, Steuern und Wirtschaft. Im Sortiment finden Sie alle Medien (Bücher, Zeitschriften, CDs, eBooks, etc.) aller Verlage. Ergänzt wird das Programm durch Services wie Neuerscheinungsdienst oder Zusammenstellungen von Büchern zu Sonderpreisen. Der Shop führt mehr als 8 Millionen Produkte.

Preface to the Second Edition

This new edition contains a few additions. The main ones are three new Appendices. Appendix B contains a new characterization of free pro- $\mathcal{C}$ groups, based on work of D. Harbater and K. Stevenson. Appendix C, based on a paper of A. Lubotzky, establishes the basic facts about presentations of finitely generated profinite groups in terms of generators and relators; it complements Section 7.8 where we consider presentations of pro- p groups. Appendix D contains a new self-contained and conceptually simpler approach to the proof of some classical subgroup theorems, like the Nielsen-Schreier and the Kurosh theorems, and some new ones; it is based on a paper of B. Steinberg and the first author.

In general we have maintained the original numeration, with only a couple of exceptions. We have inserted numerous additions throughout the text in the form of new results, better proofs, corrections, etc. We have also enlarged the bibliography. A few more open questions have been added; in the list of these open questions that we collect at the end of the book, we have noted those problems that have been solved after the first edition with comments and references. Theorem 3.5.13 gives a complete solution, due to J-P. Serre, of one of those previously open questions.

Several colleagues and friends have pointed out needed corrections or explanations and have made useful suggestions. We thank specially M. Aka, K. Auinger, G. Brumfiel, B. Deschamps, M. Jarden, D. Kochloukova and J-P. Serre.

March, 2009

Luis Ribes, Madrid
Pavel Zalesskii, Brasilia