

## Profinite groups. Reading

J. D. Dixon, M. P. F. du Sautoy, A. Mann & D. Segal: *Analytic pro-p groups*, 2nd ed. CUP 1999.

J. S. Wilson, *Profinite groups*, OUP 1998.

D. Segal, Some aspects of profinite group theory, arXiv:math/0703885

B. Klopsch, N. Nikolov & C. Voll, *Lectures on profinite topics in group theory*, LMS Student Texts **77**, 2011.

For the ‘Lubotzky linearity criterion’ see *Analytic pro-p groups*, Interlude B.

For coclass theory see *Analytic pro-p groups*, Chapter 10.

For ‘Conjecture P’ see M. P. F. du Sautoy, D. Segal & A. Shalev (eds.), *New horizons in pro-p groups*, Birkhäuser 2000, chapter 9.

For ‘upper finiteness conditions’ see A. Lubotzky & D. Segal, *Subgroup growth*, Birkhäuser 2003, chapters 10, 12

For constructions using rooted trees see *Subgroup growth*, chapter 13.

For verbal subgroups see D. Segal, *Words*, LMS Lect.Notes **361**, 2009, chapter 4.

## Recent papers

D. Segal, The finite images of finitely generated groups, *Proc. London Math. Soc. (3)* **82** (2001), 597–613.

M. G. Smith & J. S. Wilson, On subgroups of finite index in compact Hausdorff groups, *Arch. Math. (Basel)* **80** (2003), 123–129.

N. Nikolov & D. Segal, Generators and commutators in finite groups; abstract quotients of compact groups, *Invent. Math.* **190** (2012), 513–602.

N. Nikolov & D. Segal, On normal subgroups of compact groups, *J. Eur. Math. Soc.* **16** (2014), 597–618.

D. Segal, Remarks on profinite groups having few open subgroups, *arXiv:1304.3893* (to appear in *JCA*).