EMS Tracts in Mathematics 2

EMS Tracts in Mathematics

This series includes advanced texts and monographs covering all fields in pure and applied mathematics. *Tracts* will give a reliable introduction and reference to special fields of current research. The books in the series will in most cases be authored monographs, although edited volumes may be published if appropriate. They are addressed to graduate students seeking access to research topics as well as to the experts in the field working at the frontier of research.

1 Panagiota Daskalopoulos and Carlos E. Kenig, *Degenerate Diffusions*

Karl H. Hofmann
Sidney A. Morris

The Lie Theory of Connected Pro–Lie Groups

A Structure Theory for Pro-Lie Algebras,
Pro-Lie Groups, and Connected Locally
Compact Groups

Authors:

Karl Heinrich Hofmann
Fachbereich Mathematik, AG 5
Technische Universität Darmstadt
Schloßgartenstraße 7
64289 Darmstadt
Germany
E-Mail: hofmann@mathematik.tu-darmstadt.de

Sidney A. Morris
School of Information Technology and
Mathematical Sciences
University of Ballarat
P.O. Box 663
Ballarat, Victoria 3353
Australia
E-mail: S.Morris@ballarat.edu.au