Boundary Behavior of Solutions to Elliptic Equations in General Domains
Vladimir G. Maz’ya, Linköping University, Sweden, and University of Liverpool, UK
This book is a detailed exposition of the author and his collaborators’ work on boundedness, continuity, and differentiability properties of solutions to elliptic equations in general domains, that is, in domains that are not a priori restricted by assumptions such as “piecewise smoothness” or being a “Lipschitz graph”.

EMS Tracts in Mathematics, Volume 30; 2018; 441 pages; Hardcover; ISBN: 978-3-03719-190-3; List US$98; AMS members US$78.40; Order code EMSTM/30

A Brief Introduction to Spectral Graph Theory
Bogdan Nica, McGill University, Montreal, Canada
This text is an introduction to spectral graph theory and can be used as an invitation to algebraic graph theory.

EMS Textbooks in Mathematics, Volume 21; 2018; 168 pages; Hardcover; ISBN: 978-3-03719-188-0; List US$48; AMS members US$38.40; Order code EMSTEXT/21

Explore more titles at bookstore.ams.org.
Publications of the European Mathematical Society (EMS). Distributed within the Americas by the American Mathematical Society.