1. Record Nr. UNINA9910300545803321 Autore Zack Malcolm Titolo Stargazing Under Suburban Skies: A Star-Hopper's Guide / / by Malcolm Zack, Andrew Gannon, John McRoberts Pubbl/distr/stampa Cham: .: Springer International Publishing: .: Imprint: Springer. . 2018 **ISBN** 3-319-90116-8 Edizione [1st ed. 2018.] Descrizione fisica 1 online resource (XIV, 401 p. 456 illus., 240 illus. in color.) Collana The Patrick Moore Practical Astronomy Series, , 1431-9756 Disciplina 520 Soggetti Astronomy Astronomy—Observations Optical data processing Popular Science in Astronomy Astronomy, Observations and Techniques Image Processing and Computer Vision Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Foreword -- Dedications -- About the Authors -- Acknowledgements Nota di contenuto -- Chapter 1: Seeking Out the Dark -- Chapter 2: Observing in Suburban Skies -- Chapter 3: Equipment for Suburban Skies -- Chapter 4: Observing the Deep Sky -- Chapter 5: Observing the Moon --Chapter 6: Observing the Planets -- Chapter 7: Software and Apps to Help the Suburban Astronomer -- Chapter 8: Other Astronomical Phenomena -- Appendix A: Instruments and Methods Used for Images -- Appendix B: Deep Sky Objects: Listed 1-100 -- Appendix C: Deep Sky Objects: Listed by Bronze, Silver and Gold -- Appendix D: General Sky Reference Charts Appendix E: Lunar Features: Listed 1-30 --Appendix F: Full Disc Lunar Reference Charts -- Bibliography and References -- Index. Anyone interested in astronomy battles with the conveniences of Sommario/riassunto modern living - street lights, advertising and security lighting, tall buildings, and even the occasional tree. More than 85% of the population now lives in crowded and light-polluted towns and cities.

This book is for those who live in or near towns and cities and own

relatively modest equipment, although observers with larger instruments will still find many of the target objects of interest. The book encourages the use of star-hopping techniques to find objects in the night sky. Included is a list of 100 popular deep sky objects, ranked according to how difficult they are to find. Each object is described and has companion star-hopping charts, images and sometimes sketches. As a result, readers can gain a sense of their own backyard view from Earth. There is also a top 30 list of lunar objects, a section on planetary observing, annotated lists of popular astronomy apps and software, and tips on how to make the most of your location. Stargazing Under Suburban Skies: A Star-Hopper's Guide is the essential companion to what can be seen and how, regardless of the obstacles.