Record Nr. UNINA9910823508603321 Autore Stoyan Dietrich Titolo Stochastic geometry and its applications / / edited by Sung Nok Chiu and others Chichester:,: Wiley,, 2013 Pubbl/distr/stampa **ISBN** 9781118658222 1-118-65822-1 1-118-65825-6 1-118-65824-8 Edizione [Third edition.] Descrizione fisica 1 online resource (583 pages) Classificazione MAT029000 Disciplina 519.2 Soggetti Stochastic geometry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Revision of: Stochastic geometry and its applications / Dietrich Stoyan, Note generali Wilfrid S. Kendall, Joseph Mecke. 2nd ed. 1995. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Chapter 1. Mathematical foundations -- Chapter 2. Point processes I — The Poisson point process -- Chapter 3. The Boolean model --Chapter 4. Point processes II – General theory -- Chapter 5. Point processes III - Models -- Chapter 6. Random closed sets II - The general -- Chapter 7. Random measures -- Chapter 8. AccessLine, fibre and surface processes -- Chapter 9. Random tessellations, geometrical networks and graphs -- Chapter 10. Stereology "The previous edition of this book has served as the key reference in its Sommario/riassunto field for over 20 years and is regarded as the best treatment of the subject of stochastic geometry. Extensively updated, this mew edition includes new sections on analytical and numerically tractable results and applications of Voronoi tessellations; introduces models such as Laguerre and iterated tessellations; and presents theoretical results. Statistics for planar point processes are introduced, and the text also includes a new section on random geometrical graphs and random

networks"--