Record Nr. UNINA9910583354503321 Autore Gupta Kapil **Titolo** Advanced gear manufacturing and finishing: classical and modern processes / / Kapil Gupta, Neelesh Kumar Jain, Rolf Laubscher Pubbl/distr/stampa London, England:,: Academic Press,, 2017 ©2017 **ISBN** 0-12-804506-X 0-12-804460-8 Descrizione fisica 1 online resource (231 pages): illustrations, tables Disciplina 621.833 Soggetti Gearing - Manufacture Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Introduction to gear engineering -- Conventional manufacturing of Nota di contenuto cylindrical gears -- Manufacturing of conical and noncircular gears --Advances in gear manufacturing -- Conventional and advanced finishing of gears -- Surface property enhancement of gears --Measurement of gear accuracy. "Advanced Gear Manufacturing and Finishing offers detailed coverage Sommario/riassunto of advanced manufacturing technologies used in the production of gears, including new methods such as spark erosion machining, abrasive water jet machining, additive layer manufacturing, laser shaping, and sustainable manufacturing of gears."--Page 4 of cover.