1. Record Nr. UNINA9910789258603321 Autore Hadland Tony **Titolo** Bicycle design: an illustrated history / / Tony Hadland and Hans-Erhard Lessing; with contributions from Nick Clayton and Gary W. Sanderson Cambridge, Massachusetts:,: MIT Press,, [2014] Pubbl/distr/stampa [Piscataqay, New Jersey]:,: IEEE Xplore,, [2014] **ISBN** 0-262-32222-6 0-262-32221-8 Descrizione fisica 1 online resource (583 p.) Disciplina 629.2/31 Bicycles - Design and construction - History Soggetti Bicycles - Parts - History Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Velocipedes and their forerunners -- Front drive -- Wire wheels --Indirect drive -- The safety bicycle -- Comfort -- Improving transmission -- Braking -- Saddles, pedals, and handlebars -- Lighting -- Luggage -- Racing bicycles -- Military bicycles -- Mountain bikes --Small-wheeled bicycles -- Recumbent bicycles. "The bicycle ranks as one of the most enduring, most widely used Sommario/riassunto vehicles in the world, with more than a billion produced during almost two hundred years of cycling history. This book offers an authoritative and comprehensive account of the bicycle's technical and historical evolution, from the earliest velocipedes (invented to fill the need for horseless transport during a shortage of oats) to modern racing bikes, mountain bikes, and recumbents. It traces the bicycle's development in

terms of materials, ergonomics, and vehicle physics, as carried out by

inventors, entrepreneurs, and manufacturers."--Book jacket.