

1. Record Nr.	UNINA9910300283703321
Titolo	Customized Laser Vision Correction // edited by Mazen M. Sinjab, Arthur B. Cummings
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-72263-8
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XV, 228 p. 185 illus., 175 illus. in color.)
Disciplina	617.7
Soggetti	Ophthalmology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to Astigmatism and Corneal Irregularities -- Introduction to High Order Aberrations -- Optical Physics of Customized Laser Profiles -- Topography-guided treatment -- Corneal Wavefront-guided treatment -- Ocular Wavefront-guided treatment. .
Sommario/riassunto	This book addresses customized laser vision correction and integral management options for the treatment of irregular corneas. This type of treatment reshapes the corneal surface in order to improve both the quality and the quantity of vision by reducing high order aberrations. Beginning with an introduction to the basics of this science, the three types of customized laser vision correction are then discussed by experts in this field. Throughout this practical guide, clinical examples are supported with the most recent scientific material and a step-by-step systematic methodology to fit all levels of ophthalmologists. .