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Autore	Chen C. Julian
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Sommario/riassunto	"This is a self-contained monograph on human voice. It systematically expounds a theory of voice production initiated by Leonhard Euler, through an analysis of large amount of human voice data, especially simultaneously acquired voice signals and electroglottograph signals, as well as temporal variations of pressures directly below and above the vocal folds. Its contents include the physics and physiology of human voice production, parametrical representations of voice signals, and technology applications. Background knowledge on general acoustics and mathematical tools pertinent to quantitative descriptions of human voice are explained in detail. Readers of this monograph include researchers, practitioners and students in the fields of physiology and medicine, acoustics, computer science, telecommunication, acoustic phonetics, and vocal music."--Publisher's website.