

1. Record Nr.	UNINA9910139498103321
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Titolo	From speech physiology to linguistic phonetics [[electronic resource] /] / Alain Marchal
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley & Sons, Inc., : ISTE Ltd, 2009
ISBN	1-282-68545-7 9786612685453 0-470-61186-3 0-470-61040-9
Descrizione fisica	1 online resource (229 p.)
Collana	ISTE ; ; v.145
Disciplina	414.8 612.7/8
Soggetti	Speech Phonetics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From Speech Physiology to Linguistic Phonetics; Table of Contents; Preface; Chapter 1. Respiration and Pulmonary Initiation; 1.1. The rib cage; 1.2. Lungs; 1.3. Normal respiration; 1.3.1. Inhalation; 1.3.2. Exhalation; 1.4. Respiration muscles; 1.4.1. Inhalation muscles; 1.4.2. Exhalation muscles; 1.5. Pulmonary capacity and pulmonary volume; 1.6. Respiration in phonation; 1.6.1. The respiratory cycle; 1.6.2. Control of exhalation; 1.6.3. Subglottal pressure; 1.6.4. Subglottal pressure and stress; Chapter 2. Phonation and the Larynx; 2.1. The larynx 2.1.1. External configuration of the larynx 2.1.2. Internal configuration; 2.2. The laryngeal cartilages; 2.2.1. The cricoid cartilage; 2.2.2. The thyroid cartilage; 2.2.3. The arytenoid cartilages; 2.2.4. The epiglottic cartilage; 2.3. Joints and ligaments; 2.3.1. Intrinsic joints and ligaments; 2.3.2. The membranes and the extrinsic ligaments; 2.4. The larynx muscles; 2.4.1. The intrinsic muscles; 2.4.2. The extrinsic muscles; 2.5. Innervation of the larynx; 2.6. The mucous membrane of the larynx; 2.7. Phonation; 2.7.1. Opening and closing of the glottis;

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## Sommario/riassunto

Communicating by speech is seemingly one of the most natural activities for humans. However, despite its apparent obviousness and ease, speech production is a very complex activity with multiple levels of organization involved with transforming cognitive intent into a meaningful sequence of sounds. This book establishes a connection between the physiology of speech and linguistics, and provides a detailed account of speech production processes, indicating how various languages of the world make use of human anthropophonic capacities. The book also offers new insights into the possible ways in

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