# Nature and treatment of articulation disorders

Johnson, John P

# **Nature And Treatment Of Articulation Disorders**

United States. Office of Education, National Society for Crippled Children and Adults

#### **Nature And Treatment Of Articulation Disorders:**

Nature and Treatment of Articulation Disorders John P. Johnson (Ph. D.), Robert D. Moulton, 1980

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neural and behavioral bases of movement disorders and summarizes current findings from applied research Existing approaches to assessment and neuroimaging are critically examined and new and innovative methods presented Authors also synthesize the latest knowledge on motor difficulties associated with specific developmental and neurological problems cerebral palsy neuromuscular disease autism brain injury disorders of coordination speech and written language and more Other important topics covered include psychosocial effects of motor skills impairments frequently encountered comorbidities and the status of available intervention approaches Biomedical Applications Based on Natural and Artificial Computing José Manuel Ferrández Vicente, José Ramón Álvarez-Sánchez, Félix de la Paz López, Javier Toledo Moreo, Hojjat Adeli,2017-06-10 The two volumes LNCS 10337 and 10338 constitute the proceedings of the International Work Conference on the Interplay Between Natural and Artificial Computation IWINAC 2017 held in Corunna Spain in June 2017 The total of 102 full papers was carefully reviewed and selected from 194 submissions during two rounds of reviewing and improvement The papers are organized in two volumes one on natural and artificial computation for biomedicine and neuroscience addressing topics such as theoretical neural computation models natural computing in bioinformatics physiological computing in affective smart environments emotions as well as signal processing and machine learning applied to biomedical and neuroscience applications The second volume deals with biomedical applications based on natural and artificial computing and addresses topics such as biomedical applications mobile brain computer interaction human robot interaction deep learning machine learning applied to big data analysis computational intelligence in data coding and transmission and **Programmed Therapy FOR STUTTERING in Children and Adults** Bruce P. Ryan, 2001-01-01 The goal of applications this book is to call attention to a systematic scientific approach to studying and treating stuttering via the strategies of operant conditioning learning theory and single subject research design Another purpose is to present the data collected and or published over the past 30 years in one place for evaluation and comparison This new edition starts with a brief introductory chapter including the basic principles of operant analysis Chapter 2 covers the mechanics of charting counting and computing stuttering and speaking rates Chapter 3 describes evaluation with both new data and forms Chapter 4 is on programming and Chapter 5 highlights the two present major establishment programs Delayed Auditory Feedback DAF Prolongation and Gradual Increase in Length and Complexity of Utterance GILCU Chapter 6 discusses transfer and maintenance programs and follow up while Chapter 7 presents long term individual client performances in several programs Chapter 8 covers the preschool stuttering child and Chapter 9 describes efforts at and results of dissemination through training Chapter 10 is a summary of efficacy data published over recent years and Chapter 11 provides conclusions discussion of problems and suggested directions for future clinical research Because it uniquely combines behavior modification remediation of a well known but perplexing disorder and the most up to date clinical research this outstanding Clinical Management new edition will serve as a great resource to anyone involved in the treatment of speech disorders

of Articulatory and Phonologic Disorders Mary Ellen Gordon-Brannan, Curtis E. Weiss, 2007 This revised Third Edition serves as the primary textbook for introductory courses in articulation and phonological disorders The text focuses on articulation and phonological development and disorders their management and the many approaches techniques of current treatment Features of this clear text include chapter subheadings that lead students throughout the material boxed questions about important information case examples to illustrate practical applications chapter content summaries and study suggestions for instructors and 100 illustrations Chapters on treatment feature quick reference protocols of various treatments for students to use in planning intervention for case study projects observations of clinicians or their own clients Opportunities for the Preparation of Teachers of Exceptional Children United States. Office of Education, National Society for Crippled Children and Adults, 1949

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