## CONTENTS

Preface	page ix
Introduction to the Russian-Language Edition: Contemporary Research in Child Psychological Development and Remediation: An Overview	1
Introduction to the English-Language Edition: Vygotskian-Lurian Approach to Neuropsychology	11
PART I. GENERAL ISSUES IN DEVELOPMENT AND REMEDIATION OF HIGHER MENTAL FUNCTIONS	
<ol> <li>Neuropsychology of Individual Differences in Children as the Foundation for the Application of Neuropsychological Methods in School</li> </ol>	29
2. Methodology of Neuropsychological Intervention in Children with Uneven Development of Mental Functions	40
3. What Psychologists, Teachers, and Parents Need to Know About Children with Learning Disabilities	48
4. Neuropsychological Support of Remedial-Developmental Education	65
5. Neuropsychological Approach to the Development of Health-Preserving Educational Techniques	73

vi Contents

	PART II. METHODS OF DEVELOPMENT AND REMEDIATION OF EXECUTIVE FUNCTIONS	
6.	Organization of Joint Activity	89
7.	The School of Attention and a Pilot Study of Its Effectiveness	93
8.	Modified Psychological Methods to Facilitate Development of the Executive Functions	115
9.	Numerical Rows in Remedial Work with Fourth Graders	128
10.	The Role of the Analysis of the Zone of Proximal Development in the Course of Remediation of Executive Functions: An Example	136
	PART III. METHODS OF DEVELOPING VISUAL-VERBAL FUNCTIONS	
11.	Remediation of Visual-Verbal Functions in 5- to 7-Year-Old Children	153
12.	Perceptual Modeling in the Development of Visual-Verbal Functions	164
	PART IV. METHODS OF DEVELOPING VISUAL-SPATIAL FUNCTIONS	
13.	Development of Visual-Spatial Functions	179
14.	"Construct the Figure" Methods in Assessment and Remediation of Visual-Spatial Functions	182
15.	The Use of Construction Methods to Develop Spatial Functions	193
16.	Table and Computer Games to Improve Spatial Functions in Children with Cerebral Palsy	205
17.	Directions of Intervention for Developing Visual-Spatial Functions to Prepare Children for School	215
18.	Neuropsychologist–Teacher Collaboration in Designing a "Numbers Composition" Manual	229
19.	On Visual-Spatial Dysgraphia: Neuropsychological Analysis and Methods of Remediation	236

Contents	vii
PART V. NEUROPSYCHOLOGICAL INTERVENTIONS IN CHILDREN WITH SEVERE DEVELOPMENTAL DELAY	
20. "Tracking Diagnostics" Methods	245
21. Case 1: Predominant Delay in the Development of Programming and Control Functions (Unit III)	251
22. Case 2: Predominant Delay in the Development of Information-Processing Functions (Unit II)	258
23. Case 3: Predominant Delay in the Development of Energy-Support Functions (Unit I)	265
References	275
Recommended Reading: Authors' Selected Publications	297
Index	299