Table of Contents

Pr	eface
1	Introduction
2	A Survey of Older Techniques
	The Intuitive Technique, 5 The Translation Technique, 6 Summary of the Survey, 8
3	A Detailed Description of the Cognitive Method
	Some Preliminary Concepts, 9 Triple Connection, 10 Extended Triple Connection, 11 Quadruple Connection, 11 Rate Connection, 11 Equal Increment Connection (or Age Connection), 12 Linear Connection, 12 Vectorial Connection, 12 Ad Hoc Connection, 13
	Pedagogical Remarks on the Preliminary Concepts, 13 How and When to Teach the Connections, 13 Why Teach the Connections, 13
	The First Reading, 15
	Pedagogical Remarks on the First Reading. 17 The Cognition, 17 Naming of the Rows and Columns, 18 The Check, 19

	The Second Reading, 19	
	Pedagogical Remarks on the Second Reading, 24 Reading Clause by Clause, 24 Assigning x, 24 The Number of Unknowns, 25 Connection vs. Wording, 25	
	The Third Reading, 27	
	Pedagogical Remarks on the Third Reading, 28	
4	Examples and Further Particulars	
	The Examples of Chapter Three, 29	
	Simple Examples for Connections Not Yet Illustrated, 32 Quantity neither Given nor Asked For, 37	
	More Involved Problems, 38	
	Problems Leading to Inequalities, 42	
5	The Cognitive Method Up to Now45	
	Predecessors of the Cognitive Method, 45	
	Experimental Results, 46	
References		

The Coord Deading 10