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Autore	Cheah, Chien Chern
Titolo	Task-Space Sensory Feedback Control of Robot Manipulators / Chien Chern Cheah, Xiang Li
Pubbl/distr/stampa	vii, 223 p. ; 24 cm
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Altri autori (Persone)	Li, Xiang
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2. Record Nr.	UNINA9910821364303321
Autore	Spangler David B.
Titolo	Strategies for teaching whole number computation : using error analysis for intervention and assessment // David B. Spangler
Pubbl/distr/stampa	Thousand Oaks, California : , : Corwin, , [2010]
	2010
ISBN	1-4522-9634-0 1-4522-9898-X
Descrizione fisica	1 online resource (xv, 204 pages) : illustrations
Collana	Gale eBooks
Disciplina	372.7/2
Soggetti	Arithmetic - Study and teaching (Elementary) - Activity programs Mathematics - Study and teaching (Elementary) - Activity programs
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Note generali	Description based upon print version of record.
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Nota di contenuto	""Cover""; ""Contents""; ""Preface""; ""Acknowledgments""; ""About the Author""; ""Chapter 1 - A Look at the Academic Research: Intervention

in the Mathematics Classroom"; ""Introduction to the Academic Research"; ""Equity and Quality in the Math Classroom"; ""Student Dispositions"; ""Activating Prior Knowledge"; ""Representations"; ""Estimation and Mental Math"; ""Alternative Algorithms"; ""Differentiating Instruction"; ""Instructional Games"; ""Response to Intervention"; ""Questions for Teacher Reflection"; ""Chapter 2 - Big Ideas in Computation and Problem Solving""

""The Base-Ten Place-Value System and Multidigit Computation""

Actions and Operations"; ""Questions for Teacher Reflection""; ""Unit 1 - Addition of Whole Numbers"; ""Diagnostic Test""; ""Item Analysis for Diagnostic Test""; ""Error Patterns & Intervention Activities""; ""Practice Exercises""; ""Questions for Teacher Reflection""; ""Unit 2 - Subtraction of Whole Numbers""; ""Diagnostic Test""; ""Item Analysis for Diagnostic Test""; ""Error Patterns & Intervention Activities""; ""Practice Exercises""; ""Questions for Teacher Reflection""; ""Unit 3 - Multiplication of Whole Numbers""

""Diagnostic Test""""Item Analysis for Diagnostic Test""; ""Error Patterns & Intervention Activities""; ""Practice Exercises""; ""Questions for Teacher Reflection""; ""Unit 4 - Division of Whole Numbers"";

""Diagnostic Test""; ""Item Analysis for Diagnostic Test""; ""Error Patterns & Intervention Activities""; ""Practice Exercises""; ""Questions for Teacher Reflection""; ""Resources for Estimation, Instructional Games, and Follow-Up Activities (Blacklines)""; ""Resources for Addition""; ""Follow-Up Activity: Next Number, Please""; ""Roller Coaster Rounding""

""Using Front-End Estimation to Check for Reasonableness: Addition""

Instructional Game: Keeping Score in Bowling"; ""Resources for Subtraction""; ""Using Front-End Estimation to Check for Reasonableness: Subtraction""; ""Instructional Game: Balance the +/a€? Number Sentence!""; ""Follow-Up Activity: Editor Error Search (+/a€?)"";

""Instructional Game: Target Math (+/a€?)""; ""Resources for Multiplication""; ""Touching on the Facts with Your Fingers""; ""Using Front-End Estimation to Check for Reasonableness: Multiplication"";

""Instructional Game: How Close Can You Get?""

""Tables for Addition/Subtraction""

#### Sommario/riassunto

Through error analysis and targeted instruction, you can uncover students' misconceptions in addition, subtraction, multiplication, and division and help students understand and correct their own mistakes!