

# Journal of Mathematics Education

- i. In memory of Professor Filippo Spagnolo – A Mentor for Many Young Scholars

*Benedetto Di Paola*

## Research Article

- 1 Investigation and Analysis of Levels of Mathematics Class in Middle School to Students' Reasoning: Using Videos as Tools  
*Wenjun Gao & Jihong Cheng*
- 19 An Exploratory Study of Primary Two Pupils' Approach to Solve Word Problems

*Yeo Kai Kow Joseph*

- 32 A Study on Influential Factors in Mathematical Modeling of Academic Achievement of High School Students  
*Mingzhen Li, Qinhua Fang, Zhong Cai, & Xinbing Wang*
- 47 The Role of Translations between and within Representations on the Conceptual Understanding of Fractional Knowledge: A Trans-Cultural Study

*Iman Chahine*

- 60 Chinese Students' Basic Computation Ability: An Assessment on Third Grade Students

*Lin Wang*

- 71 An Experimental Research about the Transfer of Math Skills Based on Self-Monitoring Strategy

*Lianhua Ning & Zi Sun*

## Commentary and Ideas

- 79 A Case Study of Cooperative Learning in Mathematics: Course Design of a Middle School

*Hua Cheng*

92 Mathematics Literacy: Are We Able to Put the Mathematics We Learn into Everyday Use?

*Bobby Ojose*

104 An Insider's Perspective: "Variation Problems" and Their Cultural Grounds in Chinese Curriculum Practice

*Xuhua Sun*

117 Learning Graph Construction: A Motivational Tool in Monitoring the Learning Performance of Students in College Algebra

*Hadji Chua Alegre*