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

31 An Exploratory Study of Primary Two Pupils’ Approach to Solve Word Problems

Yeo Kai Kow Joseph

46 A Study on Influential Factors in Mathematical Modeling of Academic Achievement of High School Students

Mingzhen Li, Qinhua Fang, Zhong Cai, & Xinhong Wang

61 The Role of Translations between and within Representations on the Conceptual Understanding of Fractional Knowledge: A Tran Cultural Study

Iman Chahine

76 Chinese Students’ Basic Computation Ability: An Assessment on Third Grade Students

Lin Wang

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

Lianhua Ning & Zi Sun

Commentary and Ideas

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

Hua Cheng

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

Bobby Ojose
An Insider’s Perspective: “Variation Problems” and Their Cultural Grounds in Chinese Curriculum Practice

Xuhua Sun

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

Hadji Chua Alegre