

# Journal of Mathematics Education

## Research Article

- 1 Estimation Skills of Chinese and Polish Grade 6 Students on Pure Fraction Tasks

*Weiping Liu & Heinz Neber*

- 15 Enhancing Students' Geometric Thinking and Achievement in Solid Geometry

*Chew Cheng Meng & Noraini Idris*

- 34 Feature of Cross-Culture in the Interacting Neighbors Model

*Mingliang Zhang*

- 45 The Development of Chinese Students' Understanding of the Concept of Fractions from Fifth to Eighth Grade

*Chunhui Liu, Ziqiang Xin, & Xia Li*

- 63 Survey of Primary Students' Mathematical Representation Status and Study on the Teaching Model of Mathematical Representation

*Liu Zhe*

- 77 What Constitutes Good Mathematics Teaching in Mainland China: Perspectives from Nine Junior Middle School Teachers

*Xinrong Yang*

- 97 Teachers' Perception toward Mathematics Teaching Innovation in Indonesian Junior High School

*Turmudi*

121 Unpacking Preservice Teachers' Beliefs: A Look at Language and Culture  
in the Context of the Mathematics Education of English Learners

*Laura McLeman & Anthony Fernandes*

136 A Study on high school mathematics teachers' Mathematics Professional  
Literacy: What does high quality mathematics teaching need?

*Qinhua Fang*

159 A Research of the Influence of Teaching Understanding of Solid Geometry  
on Mathematics Teaching

*Xiaoping Zeng & Xici Wang*

166 Changes in Equality Problem Types Across Four Decades in Four Second  
and Sixth Grade Textbook Series

*Robert M. Capraro, Mary Margaret Capraro, Rayya Younes, Sun Young  
Han, & Kayla Garner*

190 A Quantitative Comparative Study on the Degree of Difficulty of the  
Curriculum of "Space and Graph" in New Textbooks in China

*Weizhong Zhang & Lihong Huang*

197 Survey on Current Situation of Undergraduates' Mathematics Learning in  
China

*Lianhua Ning, Xiaomin He, & Haiyue Jin*