

THE MATHEMATICS ENTHUSIAST

(formerly The Montana Mathematics Enthusiast)

ISSN 1551-3440

Vol.9, Nos.1&2, January 2012, pp.1-232

1. Visualizations and intuitive reasoning in mathematics
Kajsa Bråting (Sweden).....pp.1-18
2. If not, then what if as well- Unexpected Trigonometric Insights.
Stanley Barkan (Israel).....pp.19-36
3. Mathematical Competitions in Hungary: Promoting a Tradition of Excellence & Creativity
Julianna Connelly Stockton (USA).....pp.37-58
4. From conic intersections to toric intersections: The case of the isoptic curves of an ellipse
Thierry Dana-Picard, Nurit Zehavi & Giora Mann (Israel).....pp.59-76
5. Increasing the Use of Practical Activities through Changed Practice
Frode Olav Haara & Kari Smith (Norway).....pp.77-110
6. Student Enrolment in Classes with Frequent Mathematical Discussion and Its Longitudinal Effect on Mathematics Achievement.
Karl W. Kosko (USA).....pp.111-148
7. Translating and Adapting the Mathematical Knowledge for Teaching (MKT) Measures: The Cases of Indonesia and Norway
Dicky Ng (USA), Reidar Mosvold & Janne Fauskanger (Norway).....pp.149-178
8. Reflections on Teaching with a Standards-Based Curriculum: A Conversation Among Mathematics Educators
Jill Newton, Ricki Geller, Lindsay Umbeck & Lisa Kasmer (USA).....pp.179-192
9. Number Theory and the Queen of Mathematics
Megan Wagner (Montana).....pp.193-206
10. Was Pythagoras Chinese- Revisiting an Old Debate
Ross Gustafson (Montana).....pp.207-220

The Final word

11. **Some reflections on mathematics and mathematicians: Simple questions, complex answers**
Juan Eduardo Nápoles Valdes (Argentina).....pp.221-232