

New Journals in Mathematical Education

There are 2 new journals in mathematics education and published in English which are also covered by the ZDM-documentation section:

- Research in Mathematical Education (RME), Korea
- The Mathematics Educator, Singapore.

Research in Mathematical Education (RME)

The journal *Research in Mathematical Education (RME)* is published twice a year, March and September, by the Korea Society of Mathematical Education.

RME is an international journal which provides a forum for the publication of research on the teaching and learning of mathematics at all levels (from preschool to adult education).

Submission of high quality research papers in all areas of mathematical education is invited.

Inquiries regarding subscriptions and applications for membership should be directed to:

Korea Society of Mathematical Education
Noonnoppi-Boramae Center 10th Floor
729-21 Bongcheon-dong, Gwanag-gu
Seoul 151-706, Korea
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Contents of Vol. 1 (July 1997) No.1 of *RME* with about 100 pages:

- Han Shick Park – Mathematics for Teachers of Mathematics
- Kwang Jo Koo – A Study of the Current Work in Curriculum Development for School Mathematics in Korea towards the 21st Century
- David Kirshner – Accomplishments and Prospects in the Psychology of Mathematics Learning
- Soo Hwan Kim – Portfolio Assessment as a Policy for Innovating Mathematics Classrooms
- Hyunyong Shin – Activation of Comparative Studies on Mathematics Education
- Kyung Mee Park – School Mathematics Curriculum in Korea
- Hye Jeang Hwang – The Current Status on Computer Usage in Korean Schools
- Byung-Soo Lee and Mee-Kwang Kang – Fuzzy Concept and Mathematics Education
- Joong Kwoen Lee and Young Soon Ro – Teachers and Research Studies in Computer-Assisted Learning
- Young Han Choe – A Study of Curriculum Development for Mathematically Gifted Students.

The Korea Society of Mathematical Education (KSME) publishes three other official journals:

- Series A: *Mathematical Education* (in Korean, twice a year)
- Series B: *Pure and Applied Mathematics* (in English, twice a year)
- Series C: *Education of Primary Mathematics* (in Korean, twice a year)

The Mathematics Educator

The Mathematics Educator is an official publication of the Singapore Association of Mathematics Educators which aims to achieve the objectives to

- a) enhance the quality of mathematics education in Singapore through the promotion of mathematical activities,
- b) promote the professional development of mathematics educators, and
- c) promote critical discussion of issues and problems in mathematics education and seek methods of alleviating such problems.

There are 2 issues per year.

The Inaugural Issue of *The Mathematics Educator* (Vol. 1 (1996) No. 1) consists of a variety of articles and research papers for both researchers and practitioners. In their research paper, Loo Cheng Peng and Fong Ho Kheong examined the variables, in particular those associated with mathematical and psychological factors, which contribute towards mathematics achievement of primary school pupils. Bob Perry presented the theory of constructivism and investigated its implications for mathematics teachers. Ramakrishnan Menon was concerned with primary pupils' performance in mathematics and suggested activities for its improvement. Based on the application of a number of theories, Fong Ho Kheong proposed an integrated approach to solve mathematical problems. Lionel Pereira-Mendoza suggested establishing an environment, meaningful and communication fostering, which could enhance problem solving in mathematics. At the secondary school level, Lim Suat Khoh argued for the use of worksheets and gave examples of practical activities for teaching mathematics. O.P. Ahuja recommended a variety of useful programmes that could help to popularise mathematics among pupils at primary, secondary and tertiary levels, among the parents and the general public. Foong P. Y., Yap S. F. and Koay P. L. identified teachers' concerns in meeting the challenges of the Singapore revised mathematics curricula and the types of constraints faced by them.

For more information please use this address:

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