

INDEX

Volume 25, 1994

ARTICLES

- ABLARD, KAREN E. See Mills, Carol J.
- BEHR, MERLYN. See Harel, Guershon.
- BLUME, GLENDON W. See Simon, Martin A.
- BORASI, RAFFAELLA. Capitalizing on Errors as "Springboards for Inquiry": A Teaching Experiment. March, 166-208.
- COONEY, THOMAS J. Research and Teacher Education: In Search of Common Ground. Special Issue, December, 610-638.
- D'AMBROSIO, BEATRIZ. See D'Ambrosio, Ubiratan.
- D'AMBROSIO, UBIATAN and D'AMBROSIO, BEATRIZ. An International Perspective on Research Through the *JRME*. Special Issue, December, 687-698.
- FENNEMA, ELIZABETH and HART, LAURIE E. Gender and the *JRME*. Special Issue, FLANDERS, JAMES R. Textbooks, Teachers, and the SIMS Test. May, 260-278.
- GATES, JAMES D. Report of the Executive Director. November, 523.
- GRAVEMEIJER, KOENO. Educational Development and Developmental Research in Mathematics Education. November, 443-471.
- GRAY, EDDIE M. and TALL, DAVID O. Duality, Ambiguity, and Flexibility: A "Proceptual" View of Simple Arithmetic. March, 116-140.
- GUSTIN, WILLIAM C. See Mills, Carol J.
- HAREL, GUERSHON, BEHR, MERLYN, LESH, RICHARD, and POST, THOMAS. Invariance of Ratio: The Case of Children's Anticipatory Scheme for Constancy of Taste. July, 324-345.
- HART, LAURIE E. See Fennema, Elizabeth.
- JOHNSON, DAVID C., ROMBERG, THOMAS A., and SCANDURA, JOSEPH M. The Origins of the *JRME*: A Retrospective Account. Special Issue, December, 561-583.
- KAPUT, JAMES J. and THOMPSON, PATRICK W. Technology in Mathematics Education Research: The First 25 Years in the *JRME*. Special Issue, December, 678-686.
- KIERAN, CAROLYN. Doing and Seeing Things Differently: A 25-Year Retrospective of Mathematics Education Research on Learning. Special Issue, December, 584-609.
- KIEREN, THOMAS. See Steffe, Leslie P.
- KILPATRICK, JEREMY. E. See Silver, Edward A.
- LEMBKE, LINDA O. and REYS, BARBARA J. The Development of, and Interaction Between, Intuitive and School-Taught Ideas About Percent. May, 237-259.
- LESH, RICHARD. See Harel, Guershon.
- LESTER, FRANK K., JR. Musings about Mathematical Problem-Solving Research: 1970-1994. Special Issue, December, 662-677.
- LINDQUIST, MARY M. President's Report: Linking Yesterday to Tomorrow. November, 512-522.
- LO, JANE-JANE, WHEATLEY, GRAYSON H., and SMITH, ADELE C. The Participation, Beliefs, and Development of Arithmetic Meaning of a Third-Grade Student in Mathematics Class Discussions. January, 30-49.
- MARKOVITS, ZVIA and SOWDER, JUDITH. Developing Number Sense: An Intervention Study in Grade 7. January, 4-29.
- MCLEOD, DOUGLAS B. Research on Affect and Mathematics Learning in the *JRME*: 1970 to the Present. Special Issue, December, 639-649.
- MILLS, CAROL J., ABLARD, KAREN E., and GUSTIN, WILLIAM C. Academically Talented Students' Achievement in a Flexibly Paced Mathematics Program. November, 495-511.
- POST, THOMAS. See Harel, Guershon.

- REYS, BARBARA J. See Lembke, Linda O.
- ROMBERG, THOMAS A. See Johnson, David C.
- SAENZ-LUDLOW, ADALIRA. Michael's Fraction Schemes. January, 50–85.
- SCANDURA, JOSEPH M. See Johnson, David C.
- SCHOENFELD, ALAN H. A Discourse on Methods. Special Issue, December, 699–712.
- SILVER, EDWARD A. and KILPATRICK, JEREMY. E Pluribus Unum: Challenges of Diversity in the Future of Mathematics Education Research. Special Issue, December, 736–756.
- SIMON, MARTIN A. and BLUME, GLENDON W. Building and Understanding Multiplicative Relationships: A Study of Prospective Elementary Teachers. November, 472–494.
- SMITH, ADELE C. See Lo, Jane-Jane.
- SOWDER, JUDITH. See Markovits, Zvia.
- STEFFE, LESLIE P. and KIEREN, THOMAS. Radical Constructivism and Mathematics Education. Special Issue, December, 713–735.
- TALL, DAVID O. See Gray, Eddie M.
- THOMPSON, ALBA G. See Thompson, Patrick W.
- THOMPSON, PATRICK W. See Kaput, James J.
- THOMPSON, PATRICK W. and THOMPSON, ALBA G. Talking About Rates Conceptually, Part I: A Teacher's Struggle. May, 279–303.
- VERSCHAFFEL, LIEVEN. Using Retelling Data to Study Elementary School Children's Representations and Solutions of Compare Problems. March, 141–165.
- WHEATLEY, GRAYSON H. See Lo, Jane-Jane.
- WILSON, MELVIN R. (SKIP). One Preservice Secondary Teacher's Understanding of Function: The Impact of a Course Integrating Mathematical Content and Pedagogy. July, 346–370.

A FORUM FOR RESEARCHERS

- BATTISTA, MICHAEL T. On Greeno's Environmental/Model View of Conceptual Domains: A Spatial/Geometric Perspective. January, 86–94.
- GREENO, JAMES G. Some Further Observations of the Environment/Model Metaphor. January, 94–99.

REVIEWS

- CARPENTER, T. P. See Romberg, T. A.
- CARRAHER, DAVID WILLIAM. See Nunes, Terezinha.
- FENNEMA, E. See Romberg, T. A.
- GIFFORD, B. R. and O'CONNOR, M. C. (Eds.). *Changing Assessments: Alternative Views of Aptitude, Achievement and Instruction* (Sandra P. Marshall and Alba G. Thompson). March, 209–218.
- LAMON, S. J. See Lesh, R.
- LEDER, G. (Ed.). *Assessment and Learning of Mathematics* (Sandra P. Marshall and Alba G. Thompson). March, 209–218.
- LESH, R. and LAMON, S. J. (Eds.). *Assessment of Authentic Performance in School Mathematics* (Sandra P. Marshall and Alba G. Thompson). March, 209–218.
- NISS, M. (Ed.). *Cases of Assessment in Mathematics Education: An ICMI Study* (Sandra P. Marshall and Alba G. Thompson). March, 209–218.
- NISS, M. (Ed.). *Investigations into Assessment in Mathematics Education: An ICMI Study* (Sandra P. Marshall and Alba G. Thompson). March, 209–218.
- NUNES, TEREZINHA, SCHLIEMANN, ANALUCIA DIAS, and CARRAHER, DAVID WILLIAM. *Street Mathematics and School Mathematics* (Wendy L. Millroy). May, 304–309.
- O'CONNOR, M. C. See Gifford, B. R.
- ROMBERG, T. A. (Ed.). *Mathematics Assessment and Evaluation: Imperatives for Mathematics Educators* (Sandra P. Marshall and Alba G. Thompson). March, 209–218.
- ROMBERG, T. A., FENNEMA, E., and CARPENTER, T. P. (Eds.). *Integrating Research on the Graphical Representation of Functions* (Rolf Biehler). November, 526–533.
- SCHLIEMANN, ANALUCIA DIAS. See Nunes, Terezinha.

REVIEWERS

BIEHLER, ROLF. Functional Thinking With Graphs—A Review of *Integrating Research on the Graphical Representation of Functions*, edited by T. A. Romberg, E. Fennema, and T. P. Carpenter. November, 526–533.

MARSHALL, SANDRA P. and THOMPSON, ALBA G. Assessment: What's New—And Not So New—A Review of Six Recent Books. March, 209–218.

MILLROY, WENDY L. Exploring the Nature of Street Mathematics—A Review of *Street Mathematics and School Mathematics*, by Terezinha Nunes, Analucia Dias Schliemann, and David William Carraher. May, 304–309.

THOMPSON, ALBA G. See Marshall, Sandra P.

BIOGRAPHICAL SKETCHES

NODDINGS, NEL. William Brownell and the Search for Meaning. November, 524–525.

CORRESPONDENTS

Liedtke, Werner. November, 539.

NOTES AND NOTICES

Acknowledgment: November, 541–542.
 Guest Editorials: (Thomas P. Carpenter) July, 322–323.
 (David C. Johnson) March, 114–115.
 (Jeremy Kilpatrick) November, 442
 (J. Fred Weaver) May, 234–236.
 (James W. Wilson) January, 2–3.

MATHEMATICS EDUCATION POSITION

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

VALDOSTA STATE UNIVERSITY announces an anticipated nine-month tenure-track position at the Assistant/Associate level in mathematics education in the Department of Mathematics and Computer Science beginning 1 September 1995. The position will entail teaching mathematics courses designed for early childhood, middle grades, and secondary school teachers, as well as lower-division service courses in mathematics. An expectation of service and publication is associated with the position. Master's and a background in mathematics commensurate with teaching responsibilities required; doctorate and some K–12 teaching experience strongly preferred. AA/EOE M/F.

Applicants should submit a letter of application, current curriculum vitae, unofficial transcripts of all undergraduate and graduate work, and at least three letters of reference by 15 November 1994 to:

Ashok Kumar, Mathematics Education Search Committee
 Department of Mathematics and Computer Science
 Valdosta State University
 Valdosta, GA 31698-0040