

DAFTAR PUSTAKA

- Abrahamson, S. dan Cendak. (2006). The Odds of Understanding The Law of Large Number: A Design for Grounding Intuitive Probability in Combinatorial Analysis. Dalam *Proceedings of The Confernce of The International Psychology of Mathematics Education*, volume 2. Prague, Czech Republic: 16-21 Juli 2006. Tersedia:[http://gse.berkeley.edu/faculty/dabrahamson/publications/ Abrahamson - Cendak_PME30.pdf](http://gse.berkeley.edu/faculty/dabrahamson/publications/Abrahamson-Cendak_PME30.pdf)
- Andresen, M. (2007). Introduction of new Construct: The Conceptual Tool “Flexibility”. *The Montana Mathematics enthusiast*, Vol 4, No. 2 pp.230-250.
- Arifin, Z. (2008). *Meningkatkan Motivasi Berprestasi, Kemampuan Pemecahan Masalah, dan Hasil Belajar Siswa Kelas IV SD Melalui Pembelajaran Matematika Realistik Dengan Strategi Kooperatif*. Bandung : UPI. Disertasi tidak di terbitkan.
- Arikunto, S. (2001). *Dasar-dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Arends, R.I. (2004). *Learning to Teach 6th Edition*. Boston: Mc Graw Hill.
- Ary, D dkk. (2010). *Introduction to Research in Education*. Edisi 8. Wadsworth: Cengage Learning. Tersedia: www.cengage.com/wadsworth.
- Armanto, D. (2003). Konvensional vs Realistik Matematika dalam Pembagian. *Buletin PMRI*. Bandung: KPPMT ITB
- Azhar, E. (2003). *Pengetahuan Konseptual dan Pengetahuan Prosedural Kaidah Pencacahan Pada Siswa Kelas II SMU Laboratorium Universitas Negeri Malang*. Malang : UM. Tesis tidak di terbitkan.
- Azhar, E. (2010). Pembelajaran Kaidah Pencacahan dengan Pendekatan RME. *Prosiding SNM-2010 Vol 1 thn 2010, Depok 6 Pebruari 2010*. Depok: Departemen Matematika FMIPA UI.
- Azhar, E. (2010). Kontribusi Pendekatan RME Dalam Implementasi KTSP Pelajaran Matematika. *Jurnal PradikMa Vol.3 No.1 edisi juni 2010. ISSN: 1978-8002*. Medan: Prodi P.Matematika Program Pasca Sarjana Universitas Negeri Medan.
- Azhar, E. (2011). Pengembangan Perangkat Pembelajaran Teori Peluang Berbasis RME untuk Meningkatkan Pemahaman, Penalaran, dan Komunikasi Matematis Siswa SLTA. *Prosiding Seminar Nasional Matematika dan Pendidikan Matematika, ISBN: 978-979-16353-6-3*. Yogyakarta: UNY.

- Bakker, A (2000). History and Didactical Phenomenology of the Average Value. CD-rom in Brochure for the 9th International Congress on Mathematics Education (ICME9) in Japan, July 2000.
- Bloom, B.S. (2001). A Taxonomy for Learning, Teaching, and Assessing. New York: Longman.
- Brenner, M.E. (1998). Development of Mathematical Communication in Problem Solving Groups by Language Minority Students. Dalam *Bilingual Research Journal*, 22:2,3 & 4 Spring, Summer, & Fall 1998, 103. Tersedia: <http://www.maa.org/ql/10.1.1.119.5920.pdf> [10 Agustus 2010]
- Dahar, R.W. (1988). Teori-Teori Belajar. Jakarta: Depdikbud Dikti PPLPTK.
- Departemen Pendidikan dan Kebudayaan (1988). *Kamus Besar Bahasa Indonesia*. Jakarta: Depdikbud.
- Departemen Pendidikan Nasional (2006). *Standar Isi Kurikulum Tingkat Satuan Pendidikan*. Jakarta: Depdiknas.
- Direktorat Tenaga Kependidikan (2008). *Kriteria dan Indikator Keberhasilan Pembelajaran*. Jakarta: Depdiknas. Tersedia : <http://www.scribd.com/doc/78323449/21-KODE-04-B1-Kriteria-Dan-Indikator-Keberhasilan-Pembelajaran>
- Dosen Manchester University (2007). Realistic Mathematics Education. Dalam jurnal online Tersedia : http://www.mei.org.uk/files/gcse2010/Realistic_Mathematics_Education_final_.pdf. [20 Oktober 2008]
- Drijver, P. (1995). Students encountering obstacles using a CAS. Standards for Mathematics Education. Netherlands: Freudenthal Institute.
- Fauzan, S dan Plom (2002). Tradisional Mathematics Education vs. Realistic Mathematics Education: Hoping for Changes. Dalam Centre for Research in Learning Mathematics, hal. 1-4. Tersedia: <http://www.mes3.learning.aau.dk/Projects/Fauzan.pdf> [13 Nopember 2008]
- Gravemeijer, K. (1995). Developmental Research: Fostering a Dialectic Relation between Theory and Practice. Standards for Mathematics Education. Netherlands: Freudenthal Institute.
- Hadi, S. dan Fauzan (2003). Mengapa PMRI. Buletin PMRI. Bandung: KPPMT ITB

- Hadi, S, Plomp dan Suryanto. (2002). Introducing Realistic Mathematics Education to Junior High School Mathematics Teacher in Indonesia. *Proceedings of 3rd International Mathematics Education and Society Conference. Copenhagen: Centre for Research in Learning Mathematics, pp. 5-16.* Tersedia :<http://doc.utwente.nl/58708> [20 Januari 2010]
- Hadi, S. (2006). PMRI, Benih Pembelajaran Matematika yang Bermutu. *Majalah PMRI. Vol. IV No. 3, Oktober 2006.* Bandung: IP-PMRI FMIPA ITB.
- Hadi, S. (2009). Standar PMRI untuk Penjaminan Mutu. *Majalah PMRI. Vol. VII No. 2, April 2009.* Bandung: IP-PMRI FMIPA ITB.
- Hake,R.R . (1998). Interactive engagement versus traditional methods: A six-thousand-student survey of mechanics test data for introductory physics courses. Department of Physics, Indiana University, Bloomington, Indiana 47405. Tersedia: <http://www.physics.indiana.edu/~sdi/> [15 Mei 2012]
- Heuvel, P. M. (2000). Mathematics education in the Netherlands: A guided tour. Freudenthal Institute Cd-rom for ICME9. Utrecht: Utrecht University. Tersedia: <http://www.fi.uu.nl/en/rme/TOURdef+ref.pdf> [15 Mei 2009]
- Heuvel, P. M. (2001). Realistic Mathematics Education as work in progress. Dalam F. L. Lin (Ed.) *Common Sense in Mathematics Education*, 1-43. *Proceedings of 2001 The Netherlands and Taiwan Conference on Mathematics Education.* Taipei. Tersedia <http://www.fi.uu.nl/publicaties/literatuur/4966.pdf> [12 April 2009]
- Hiebert dan Carpenter, P (1992). Learning and Teaching With Understanding. Dalam Douglas A. Grows (Ed). *Handbook of Research on Mathematics Teaching and Learning.* New York: Macmillan Publishing Company.
- Hiebert, J. dan Lefevre (1986). Conceptual And Procedural Knowledge in Mathematics: An Introduction to Analysis. Dalam James Hiebert (Ed). *Conceptual and Procedural Knowledge: The Case of Mathematics.* London: Lawrence Erlbaum Associates.
- Hiebert, J. dan Wearne, Diana (1986). Procedures Over Concepts: The Acquisition of Decimal Number Knowledge. Dalam James Hiebert (Ed). *Conceptual and Procedural Knowledge: The Case of Mathematics.* London: Lawrence Erlbaum Associates.
- Hudoyo, H. (1988). Mengajar Belajar Matematika. Jakarta: Depdikbud Dikti PPLPTK.
- Innabi, H. (2003). Aspects of Critical Thinking in Classroom Instruction of Secondary School Mathematics Teachers in Jordan. Tersedia: <http://dipmat.math.unipa.it/pdf> [30 Mei 2008]

- Jacob, C. (2003). Pemecahan Masalah, Penalaran Logis, Berfikir Kritis, dan Pengkomunikasian. Bandung: UPI. Tesis tidak diterbitkan.
- Jensen, R. and Willeams, B. 1993. Technology: Implications for Middle Grades Mathematics. Dalam Douglas T. Owen (Ed). *Research Ideas for the Classroom Middle Grades Mathematics*. New York: Macmillan Publishing Company.
- Kusumah, Y.S. (2008). Konsep, Pengembangan, dan Implementasi Computer-Based Learning Dalam Meningkatkan Kemampuan High-Order Mathematical Thinking. Pidato Pengukuhan Guru Besar. Bandung: UPI.
- Lange, J. (1996). *Assessment: No Change Without Problems*. The Netherlands: Freudenthal Institute.
- Lange, J. (2000). Freudenthal Institute. CD-Rom in Brochure for the 9th International Congress on Mathematics Education (ICME9) in Japan, July 2000.
- Meltzer, D. E. (2002). Normalized Learning Gain: A Key Measure Of Student Learning. Iowa: Department of Physics and Astronomy, Iowa State University. Tersedia : http://ajp.aapt.org/resource/1/ajpias/v70/i12/p1259_s1? (12 Desember 2011)
- Minium, E.W (1978). *Statistical Reasoning in Psychology and Education*. New York: John Wilwy & Sons.
- NCTM (1989). *Curriculum and Evaluation Standard for School Mathematic*. Virginia: Reston.
- Oakly, L (2004). *Cognitive Devolepmen*. London: Routle-Taylor & Francis Group.
- Plomp, T. (1997). *Educational & Training System Design*. Enschede, Netherlands: Faculty of Education Science and Technology, University of Twente.
- Pratt, D. (2000). Making Sense of The Total of Two Dice. Dalam *Journal for Research in Mathematics Education*, 31(5): 602-625
- Priatna, N. (2003). Kemampuan Penalaran dan Pemahaman Matematika Siswa Kelas 3 Sekolah Lanjutan Tingkat Pertama Negeri di Kota Bandung. Bandung: Disertasi tidak diterbitkan.
- Pugalle, D. K (2003). The Treatment of Mathematical Comunication in Mainstream Algebra Text. Dalam *Proceding of The International Confernece The Decidable and the Undecidable in Mathematics Education*. Brno, Czech Republic: September 2003. Tersedia: http://math.unipa.it/~grim/21_project/21_brno03_Pugalee.pdf

- Resnick, L. B and Ford (1981). *The Psychology Of Mathematics For Instruction*. New Jersey: Lawrence Erlbaum Associate.
- Ruseffendi. (2005). *Dasar-dasar Penelitian Pendidikan dan Bidang Non-Eksakta Lainnya*. Bandung: Tarsito.
- Ruseffendi. (2006). *Pengantar Kepada Membantu Guru Mengembangkan Kompetensinya Dalam Pengajaran Matematika Untuk Meningkatkan CBSA*. Bandung: Tarsito.
- Shadiq, F. (2004). *Pemecahan Masalah, Penalaran, dan Komunikasi*. Yogyakarta: Pusat Pengembangan Penataran Guru (PPP) Matematika. Tersedia: <http://p4tkmatematika.org/downloads/sma/pemecahanmasalah.pdf> (4 Februari 2010)
- Saragih, S. (2007). *Mengembangkan Kemampuan Berpikir Logis dan Komunikasi Matematik Siswa Sekolah Menengah Pertama melalui Pendekatan Matematika Realistik*. Desertasi Doktor pada PPS UPI: Tidak Diterbitkan.
- Sembiring, RK (2008). *Apa dan Mengapa PMRI*. Dalam *Majalah PMRI*, Vol VI No.4 :60-61. Bandung: IP-PMRI
- Setiawan, A (2008). *Pembelajaran Berbasis Masalah Untuk Meningkatkan Kemampuan Komunikasi dan Pemecahan Masalah Matematik Siswa Sekolah Menengah Pertama*. Bandung: Tesis tidak diterbitkan.
- Skemp (1976). *Relational Understanding and Instrumental Understanding*. *Mathematic Teaching*. Tersedia: <http://www.science.oregonstate.edu/~burgerl/Skemp%20paper.pdf>. (20 Januari 2010)
- Sugiono (2007). *Metode Penelitian Bisnis*. Bandung: Alfabeta.
- Sudjana (2005). *Metoda Statistika*. Bandung : Tarsito
- Suherman, E. (2001). *Strategi Pembelajaran Matematika Kontemporer*. Bandung: Universitas Pendidikan Indonesia.
- Sumarmo, U. (1987). *Kemampuan Pemahaman dan Penalaran Matematika Siswa di Kaitkan dengan Kemampuan Penalaran Logik Siswa dan Beberapa Unsur Proses Belajar Mengajar*. Disertasi Pasca Sarjana IKIP Bandung: tidak di terbitkan.
- Sumarmo, U. (2010). *Berfikir dan Disposisi Matematik: Apa, Mengapa, dan Bagaimana Dikembangkan Pada Peserta Didik*. Tersedia: <http://math.sps.upi.edu/wp-content/uploads/2010/02/BERFIKIR-DAN-DISPOSISI-MATEMATIK-SPS-2010.pdf>. (8 Januari 2011)

- Sumarmo, U. (2010). Pembelajaran Keterampilan Membaca Matematika Pada Siswa Sekolah Menengah. Tersedia: <http://math.sps.upi.edu/wp-content/uploads/2010/02/MKLH-KETBACA-MAT-NOV-06-new.pdf>
- Team PMRI Bandung (2003). Pengukuran Dengan Manik-manik. Buletin PMRI. Bandung: KPPMT ITB Buletin PMRI. Bandung: KPPMT ITB
- Turmudi. (2011). Profesional Development for Junior Secondary School Mathematic Education Teacher Based on The Realistics Mathematics Framework in Indonesia. *Far East Journal of Mathematical Education, Volume 7, Number 1*. Alahabad: Vijaya Niwas.
- Turmudi. (2012). Teachers' Perception toward Mathematics Teaching Innovation in Indonesia Junior School. *Journal of Mathematicas Education, East and West Teaching and Learning Theory and Practice, Volume 5, Number 1, August 2012, ISSN: 1945-7502*. Tersedia: <http://educationforatoz.com/journalofmatheducation>.
- Walpole, R. E. dan Myers. 1989. Ilmu Peluang dan Statistika Untuk Insinyur dan Ilmuwan. Terjemahan oleh R.K.Sembiring. 1995. Bandung : Penerbit ITB.
- Uyanto, S. (2009). Pedoman Analisis Data dengan SPSS. Yogyakarta: Graha Ilmu.
- Uzel dan Uyangor. (2006). Attitudes of 7th Class Students Toward Mathematics in Realistic Mathematics Education. Dalam *International Mathematical Forum* No. 39, hal 1951-1959. Tersedia: <http://www.m.hikari.com/uzelIMF37-40-2006>
- Zhe, L. (2012). Survey of Primery Students' Mathematical Representation Status and Study on the Teching Model of Mathematical Representation. *Journal of Mathematicas Education, East and West Teaching and Learning Theory and Practice, Volume 5, Number 1, August 2012, ISSN: 1945-7502*. Tersedia: <http://educationforatoz.com/journaoofmatheducation.html>
- Zimmerman, B.J (1996). *Developing Self Regulated Learners: Beyond Achievement to Self-Efficacy*. Washington: American Psychological Association.
- Zulkardi, Nieven, dan Lange (2002). Implementing European Aproach to Mathematics Education in Indonesia Through Teacher Education [online]. Tersedia: <http://www.math.uoc.gr/~ictm2/proceedings/pap81.pdf> [2 Januari 2009].
- Zulkardi (2006). *Formatif Evaluation: What, Why, When, and How*. Tersedia: <http://www.geocities.com/zulkardi/books.html>. [1 Mei 2009].

