

## DAFTAR PUSTAKA

- Ainsworth, Shaaron. 2003. *DeFT: A Conceptual Framework For Considering Learning with Multiple Representations*. [On-line] Available: [www.psychology.nottingham.ac.uk/staff/](http://www.psychology.nottingham.ac.uk/staff/) [Akses: 26 Maret 2013]
- Ambrose, et al. 2004. *Exploring the Use of Clinical Interviews in Teacher Development*. [On-line] Available: [www.pmena.org/2004/pdfs/.../interviews.doc](http://www.pmena.org/2004/pdfs/.../interviews.doc) [Akses: 6 April 2013]
- Anthony, Glenda dan Malshaw, Margareth. 2009. *Characteristics of Effective Teaching of Mathematics: A View from the West*. [On-line] Available: [educationforatoz.org/](http://educationforatoz.org/) [Akses: 20 Maret 2013]
- Arikunto, Suharsimi. 2009. *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara
- Arikunto, Suharsimi. 2010. *Prosedur Penelitian Suatu Pendekatan Praktik*. Jakarta: Rineka Cipta
- Bergeston, Terry, et al. 2000. *Teaching and Learning Mathematics*. [On-line] Available: [www.k12.wa.us](http://www.k12.wa.us) [Akses: 28 Juli 2013]
- Bistari. 2010. *Pengembangan Kemandirian Belajar Berbasis Nilai untuk Meningkatkan Komunikasi Matematik*. [On-line] Available: [jurnal.untan.ac.id/](http://jurnal.untan.ac.id/) [Akses: 11 Maret 2013]
- BSNP. 2006. *Standar Isi Untuk Satuan Pendidikan Dasar dan Menengah*. Jakarta: BSNP
- Bungin, Burhan. 2005. *Metodologi Penelitian Kuantitatif: Komunikasi, Ekonomi, dan Kebijakan Publik Serta Ilmu-Ilmu Sosial Lainnya*. Jakarta: Kencana
- Buschman, Larry. 2001. *Using Student Interviews to Guide Classroom Instruction: An Action Research Project*. [On-line] Available: [www.eric.ed.gov/ERICWebPortal/recordDetail](http://www.eric.ed.gov/ERICWebPortal/recordDetail) [Akses: 5 Maret 2013]
- Chadwick, David. 2009. *Approaches to Building Conceptual Understanding*. [On-line] Available: <http://pdfsb.com/readonline> [Akses: 29 April 2013]
- Crespo, Sandra and Nicol, Cynthia. 2003. *Learning to Investigate Students' Mathematical Thinking: The Role of Student Interviews*. [On-line] Available: [www.msu.edu](http://www.msu.edu) [Akses: 29 Juli 2013]
- Dantes, Nyoman. 2012. *Metode Penelitian*. Yogyakarta : Andi

- Depdikbud. 1993. *Evaluasi Proses dan Hasil Belajar Matematika*. Jakarta: Depdikbud
- Feil, Adam John. 2002. *Talking Physics: How The Ability To Communicate Physics Concepts Affects Learning*. [On-line] Available: [research.physics.illinois.edu](http://research.physics.illinois.edu) [Akses: 6 Agustus 2013]
- Friedman, et al. 2011. *Increasing Communication In Geometry By Using A Personal Math Concept Chart*. [On-line] Available: [cjar.nipissingu.ca](http://cjar.nipissingu.ca) [Akses: 28 Juli 2013]
- Gagatsis, Anthanasios. Christou, Constantinos, and Elia, Iliada. 2004. *The Nature of Multiple Representations in Developing Mathematical Relationships*. [On-line] Available: [math.unipa.it](http://math.unipa.it) [Akses: 27 Juli 2013]
- Geary, David C. 2004. *Mathematics and Learning Disabilities*. [On-line] Available: [web.missouri.edu/~gearyd/JLD04.pdf](http://web.missouri.edu/~gearyd/JLD04.pdf) [Akses: 25 Maret 2013]
- Gooding, Sara. 2009. *Children's Difficulties with Mathematical Word Problems*. [On-line] Available: [www.bsrlm.org.uk/IPs/.../BSRLM-IP-29-3-06.pdf](http://www.bsrlm.org.uk/IPs/.../BSRLM-IP-29-3-06.pdf) [Akses: 4 April 2013]
- Gulo, W. 2010. *Metodologi Penelitian*. Jakarta: PT. Grasindo
- Haylock, Derek dan Tangata, Fiona. 2007. *Language Difficulties in Mathematics*. [On-line] Available: [www.uk.sagepub.com/](http://www.uk.sagepub.com/) [Akses: 4 April 2013]
- Heirdsfield, Ann. 2002. *The Interview in Mathematics Education: The Case of Mental Computation*. [On-line] Available: [a.heirdsfield@qut.edu.au](mailto:a.heirdsfield@qut.edu.au) [Akses: 27 Maret 2013]
- Herdian. 2010. *Kemampuan Komunikasi Matematika*. [On-line] Available: <http://herdy07.wordpress.com/2010/05/27/kemampuan-komunikasi-matematis/> [Akses: 20 Maret 2013]
- Hirschfeld, Kimberly and Oshkosh, Cotton. 2008. *Mathematical Communication, Conceptual Understanding, and Students' Attitudes Toward Mathematics*. [On-line] Available: [scimath.unl.edu](http://scimath.unl.edu). Akses: 28 Juli 2013]
- Hudiono, Bambang. 2010. *Peran Pembelajaran Diskursus Multi Representasi Terhadap Pengembangan Kemampuan Matematika dan Daya Representasi Pada Siswa SLTP*. [On-line] Available: [jurnal.untan.ac.id](http://jurnal.untan.ac.id) [Akses: 5 Maret 2013]
- Hwang, et al. 2007. *Multiple Representation Skills and Creativity Effects on Mathematical Problem Solving using a Multimedia Whiteboard System*.

[On-line] Available: [www.ifets.info/journals/10\\_2/17.pdf](http://www.ifets.info/journals/10_2/17.pdf) [Akses: 20 Maret 2013]

Kastberg, Signe e. 2002. *Understanding Mathematical Concepts: The Case Of The Logarithmic Function*. [On-line] Available: [jwilson.coe.uga.edu](http://jwilson.coe.uga.edu). [Akses: 28 Juli 2013]

Kementerian Pendidikan dan Kebudayaan. 2012. *Bahan Uji Publik Kurikulum 2013*. [On-line] Available: <http://118.98.166.62/application/media/file/Laman%202012/Bahan%20Uji%20Publik%20Kurikulum%202013.pdf> [Akses: 1 Februari 2013]

Kifowit, Steve. 2004. *Assessing Conceptual Understanding In the Calculus Sequence*. [On-line] Available: <http://pdfsb.com/readonline> [Available: 29 April 2013]

LP2M-UAI. 2011. *Penelitian dan Pengabdian Masyarakat*. Jakarta: UAI

Luitel, Bal Chandra. 2009. *Representation: Revisited*. [On-line] Available: [www.geocities.ws/.../Representation-revisited.pdf](http://www.geocities.ws/.../Representation-revisited.pdf) [Akses: 7 Maret 2013]

Macgregor, Mollie and Stacey, Kaye. 1997. *Students' Understanding Of Algebraic Notation: 11–15*. [On-line] Available: [academic.sun.ac.za](http://academic.sun.ac.za). [Akses: 4 Agustus 2013]

Mahmudi, Ali. 2009. *Komunikasi dalam Pembelajaran Matematika*. [On-line] Available: [staff.uny.ac.id/](http://staff.uny.ac.id/) [Akses: 11 Maret 2013]

Moyer, Patricia dan Milewicz, Elizabeth. 2002. *Learning to Question: Categories of Questioning Used by Preservice Teachers During Diagnostic Mathematics Interviews*. [On-line] Available: [www.kcvs.ca/](http://www.kcvs.ca/) [Akses: 10 Maret 2013]

Nazir, Moh. 2009. *Metode Penelitian*. Darussalam: Ghalia Indonesia.

NCTM. 2000. *Principles and Standards for School Mathematics*. USA: NCTM

Neria, Dorit, and Amit, Miriam. 2004. *Students Preference of Non-Algebraic Representations In Mathematical Communication*. [On-line] Available: [www.kurims.kyoto-u.ac.jp](http://www.kurims.kyoto-u.ac.jp) [Akses: 4 Agustus 2013]

NYS Board of Regents. 2005. *New York State Learning Standard for Mathematics*. [On-line] Available: <http://www.emsc.nysed.gov> [Akses: 13 Mei 2013]

- Ozmantar, et al. 2009. *Pre-Service Mathematics Teachers' Use of Multiple Representations in Technology-Rich Environments*. [On-line] Available: [www.ejmste.com](http://www.ejmste.com) [Akses: 20 Maret 2013]
- Pucell, Edwin J and Varberg, Dale. 1987. *Kalkulus dan Geometri Analitis Jilid 1 Edisi Kelima*. Jakarta: Erlangga
- Ralph, Edwin. 1999. *Developing Novice Teachers Oral-Questioning Skills*. [On-line] Available: [mje.mcgill.ca/article/viewFile/8458/6391](http://mje.mcgill.ca/article/viewFile/8458/6391) [Akses: 10 Maret 2013]
- Redjosuwito, Surati. 2012. *Analisis Paradigmatik Kesulitan Belajar Siswa Dalam Pencapaian Kinerja Akademik*. [On-line] Available: [asm.ariyanti.ac.id/](http://asm.ariyanti.ac.id/) [Akses: 13 Maret 2013]
- Russ, Rosemary S. Lee, Victor R and Sherin, Bruce R. 2012. *Framing in Cognitive Clinical Interviews About Intuitive Science Knowledge: Dynamic Student Understandings of The Discourse Interaction*. [On-line] Available: [digitalcommons.usu.edu](http://digitalcommons.usu.edu) [Akses: 29 Juli 2013]
- Roicki, Joseph. 2002. *Effects Of Discussion And Writing On Student Understanding Of Mathematics Concepts*. [On-line] Available: [etd.fcla.edu](http://etd.fcla.edu) [Akses: 6 Agustus 2013]
- Schwab. 2008. *Math Disability in Children: An Overview*. [On-line] Available: <http://www.schwablearning.org/> [Akses: 4 April 2013]
- Schorr, Roberta Y. 2000. *A Study of the use of Clinical Interviewing with Prospective Teachers*. [On-line] Available: [deimos3.apple.com/.../Core.../enclosure.pdf](http://deimos3.apple.com/.../Core.../enclosure.pdf) [Akses: 5 Maret 2013]
- Schorr, dkk. 2010. *Using the Clinical Interview Method to Examine Children's Mathematical Thinking*. [On-line] Available: [ccnmtl.columbia.edu/.../VITAL\\_AERA\\_2010\\_A](http://ccnmtl.columbia.edu/.../VITAL_AERA_2010_A) [Akses: 5 Maret 2013]
- Seifert, Kelvin. 2012. *Pedoman Pembelajaran dan Instrumen Pendidikan*. Yogyakarta: IRCiSoD.
- Skinner, B.F. 1953. *Science and Human Behavior*. New York : The Free Press
- Sugiyono. 2011. *Metode Penelitian Pendidikan*. Bandung: Alfabeta
- Sukmadinata, Nana Syaodih. 2011. *Metode Penelitian Pendidikan*. Bandung: PT. Remaja Rosdakarya
- Sulipan. 2010. *Penelitian Deskriptif Analitis Berorientasi Pemecahan Masalah*. [On-line] Available: [goeroendeso.files.wordpress.com/](http://goeroendeso.files.wordpress.com/) [Akses: 19 Maret 2013]

- Suparno, suhaenah. 2001. *Membangun kompetensi belajar*. Jakarta: Depdiknas
- Suryanih. 2011. *Diagnosis Kesulitan Belajar Matematika Siswa dan Solusinya dengan Pembelajaran Remedial*. [On-line] Available: repository.uinjkt.ac.id/ [Akses: 12 Maret 2013]
- Tall, David dan Razali, Mohammad Rashidi. 1993. *Diagnosing Students' Difficulties in Learning Mathematics*. [On-line] Available: www.warwick.ac.uk/ [Akses: 25 Maret 2013]
- Tapper, John. 2012. *Student Interviews*. [On-line] Available: www.mathsolutions.com
- TIMSS.2011. *Towards Equity and Excellence Highlights froms TIMSS 2011 The South African Perspective*. Cape Town: HSRC Press
- Umar, Wahidin. 2012. *Membangun Kemampuan Komunikasi Matematis dalam Pembelajaran Matematika. Dalam STKIP Siliwangi (ed.) Infinity*. Bandung: STKIP Siliwangi Bandung. (1) Jurnal
- UPI. 2009. *Perumusan Tujuan Instruksional*. [On-line] Availabe: file.upi.edu/ [Akses: 28 April 2013]
- Wahana Komputer. 2012. *Buku Pintar Memilih Ponsel dan Tablet Berbasis Android*. Semarang: ANDI Yogyakarta
- Winarno, Edy. 2012. *Hacking dan Programming dengan Android SDK untuk Advanced*. Jakarta: PT. Elex Media Komputindo
- Yanti. 2012. *Mengatasi Kesulitan Siswa Menggunakan Wawancara Klinis Pada Materi Fungsi Kuadrat*. Pontianak: Universitas Tanjungpura
- Yuniawatika. 2011. *Penerapan Pembelajaran Matematika dengan Strategi React Untuk Meningkatkan Kemampuan Koneksi dan Representasi Matematika Siswa Sekolah Dasar*. [On-line] Available: jurnal.upi.edu/ [Akses: 4 Maret 2013]
- Zazkis, Rina dan Hazzan, Orit. 1999. *Interviewing in Mathematics Education Research: Choosing the Questions*. [On-line] Available: blogs.sfu.ca/ [Akses: 5 Maret 2013]
- Zhe, Liu. 2012. *Survey of Primary Students' Mathematical Representation Status and Study on the Teaching Model of Mathematical Representation*. [On-line] Available: educationforatoz.com [Akses: 11 Agustus 2013]
- Zulhelmi. 2009. *Penilaian Psikomotor dan Respon Siswa dalam Pembelajaran Sains Fisika Melalui Penerapan Penemuan Terbimbing di SMP Negeri 20 Pekanbaru*. [On-line] Available: journal.unri.ac.id [Akses: 27 April 2013]

Zuliana, Eka. (2008). *Meningkatkan Kemampuan Komunikasi Matematika Peserta Didik Kelas VIII MTs N Kudus Melalui Model Cooperative Learning tipe Jigsaw berbantuan Kartu Masalah Materi Kubus dan Balok.* [On-line] Available: [eprints.umk.ac.id/](http://eprints.umk.ac.id/) [Akses: 11 Maret 2013]

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