

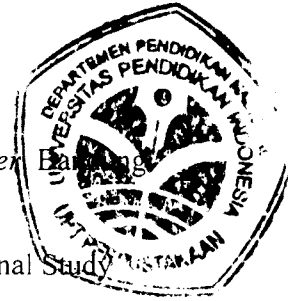
DAFTAR PUSTAKA

- Adsit, K.I. (director). (2002). *Concept Mapping and Curriculum Design*. Tersedia: <http://www.utc.edu/Teaching-Resource-Center/concepts.html>
- Burn, B.; Appleby, J.; Maher, P. (1998). *Teaching Undergraduate Mathematics*. London: Imperial College Press.
- Byrnes, J.P. (1996). *Cognitive Development and Learning in Instructional Contexts*. Massachusetts: Allyn and Bacon.
- De Corte, E; Verschafel, L.; Greer, B. (2000). *Connecting Mathematics Problem Solving to the Real World*. [Online]. Tersedia: <http://math.unipa.it/~grim/Jdecorte>
- Dreyfus, T. (1991). Advanced Mathematical Thinking Processes. Dalam D.O. Tall (ed), *Advanced Mathematical Thinking*. The Netherlands: Kluwer Academic Publishers.
- Edwards, M.C. dan Briers, G.E. (2000). Higher-Order and Lower-Order Thinking Skills Achievement in Secondary-Level Animal Science: Does Block Scheduling Pattern Influence End-of-Course Learner Performance? *Journal of Agricultural Education*, 41(4), 2-14.
- English, L.D. (ed). (2002). *Handbook of International Research in Mathematics Education*. New Jersey: Lawrence Erlbaum Associates, Inc.
- Floyd, C. (2002). *Problem Solving As a Strategy for Learning Mathematics*. Lesson Plan Project-Lit. Review. [Online]. Tersedia: http://www.hsid2.harlandale.k12.tx.us/MOL/students/c_floyd/litreview6304.pdf
- Freitag, M. (1997). Reading and Writing in the Mathematics Classrooms. *The Mathematics Educator*, Volume 8 no 1, hal. 16-21.
- Haladyna, T.M. (1997). *Writing Test Items to Evaluate Higher Order Thinking Skills*. Massachusetts: Allyn and Bacon.
- Haury, D.L. (2001). *Literature-Based Mathematics in Elementary School*. ERIC Digest. [Online]. Tersedia: <http://www.ericfacility.net/ericdigest/ed44807.html>
- Ho, N.Y. dan Fook, C.H. (1999). *Teaching and Learning via IT: Higher-Order Thinking Skills in English Language, English Literature and Mathematics*. [Online]. Tersedia: http://www.moe.edu.sg/iteducation/edtech/papers/f3_1.pdf

- Holton, D (ed). (2001). *The Teaching and Learning of Mathematics at University Level: an ICMI Study*. The Netherlands: Kluwer Academic Publishers.
- Hoshino, R. (2000). *Action Research Project*. University of Waterloo, Canada. [Online]. Tersedia: <http://student.math.uwaterloo.co/~rhoshino>
- Houghton, R.S. (2003). *Mathematics, Spreadsheets and Thinking: Computers in Education*. [Online]. Tersedia: <http://www.ceap.wcu.edu/Houghton/EDELCompEduc/Ch4/ch4overview.html>
- Humenberger, H. (1997). "Applicable Mathematics" in *Mathematical Education. Selected Results of a Viennese Research Project*. [Online]. Tersedia: <http://www.ex.ac.uk/cimt/ijmtl/hhempres.pdf>
- Leder, G.C. dan Forgasz, H.J. (2002). Measuring Mathematical Beliefs and Their Impact on the Learning Mathematics: A New Approach. Dalam G.C. Leder; E. Pehkonen; G. Torner (ed). *Beliefs: A Hidden Variable in Mathematics Education?* The Netherlands: Kluwer Academic Publishers.
- Kalman, D. (1997). *Elementary Mathematical Models*. The Mathematical Association of America.
- Kothe, D. (1995). *Concept Mapping in the Misconceptions Proceedings*. Meaningful Learning Research Group Publications. Tersedia: <http://www2.ucsc.edu/mlrg/clr-conceptmapping.html>
- Legrand, M. (2001). Scientific Debate in Mathematics Courses. Dalam D. Holton (ed.), *The Teaching and Learning of Mathematics at University Level: an ICMI Study*, hal. 127-135. The Netherlands: Kluwer Academic Publishers.
- Mamona-Downs, J. dan Downs, M. (2002). Advanced Mathematical Thinking With a Special Reference to Reflection on Mathematical Structure. Dalam L.D. English, *Handbook of International Research in Mathematics Education*. New Jersey: Lawrence Erlbaum Associates, Inc.
- Marzano, R.J., Brandt, R.S., Hughes, C.S., Jones, B.F., Presseissen, B.Z., Rankin, S.C., Suhor, C. (1988). *Dimensions of Thinking: A Framework for Curriculum and Instruction*. Alexandria, VA: Association for Supervision and Curriculum Development.
- Marzano, R.J. (1992). *A Different Kind of Classroom: Teaching with Dimensions of Learning*. Alexandria, VA: Association for Supervision and Curriculum Development.
- Matlin, M. W. (1994). *Cognition*. Florida: Harcourt Brace Jovanovich.

- McLoughlin, C. dan Luca, J. (2000). *Cognitive Engagement and Higher Order Thinking Through Computer Conferencing: We know why but do we know how?* Teaching and Learning Forum 2000. [Online].
Tersedia: <http://cea.curtin.edu.au/tlf/tlf2000/mcloughlin.html>
- Meznik, I. (2000). *Modelling as a Support in Teaching of Mathematics*. Czech: Universitas Teknologi Brno. [Online].
Tersedia: <http://math.unipa.it/~grim/EMeznick5>
- _____ (2001). *Mathematics Towards Perception of the World*. Czech: Universitas Teknologi Brno. [Online].
Tersedia: <http://math.unipa.it/~grim/SiMeznik.pdf>
- Mina, F.M. (2000). *Mathematics Education between Theory and Practice: Narrowing the Gap: A Necessary Condition for Reform*. Cairo: Ain Shams University. [Online]. Tersedia: <http://math.unipa.it/~grim/Emina241-244>
- Minium, E.W.; King, B.M.; Bear, G. (1993). *Statistical Reasoning in Psychology and Education*. New York: John Wiley & Sons.
- Mooney, D. dan Swift, R. (1999). *A Course in Mathematical Modeling*. The Mathematical Association of America.
- Moore, C.C. (1995). *California's Math Reforms Aim to Inspire Economy of Thought*. [Online].
Tersedia: <http://www.stolaf.edu/other/extend/Expectations/moore.html>
- National Council of Teachers of Mathematics. (NCTM, 1989). *Curriculum and Evaluation Standards for School Mathematics*. Reston, VA: Author.
- NCREL (North Central Regional Education Laboratory). (2000). *21st Century Skills: Higher Order Thinking and Sounds Reasoning*. [Online].
Tersedia: <http://www.ncrel.org/engause/skills/invent6.htm>
- Nurhan, K. (2001). "Pendidikan dan Investasi Masa Depan Bangsa". *Kompas* (4 Desember 2001).
- Pacific Crest, Inc. (2001a). *Student Processes and Tools*. [Online].
Tersedia: <http://pcrest.com/stupro.htm>
- _____. (2001b). *Changes in Higher Education*. [Online].
Tersedia: <http://pcrest.com/changes.htm>
- Payne, D.A. (2003). *Applied Educational Assessment, 2nd ed.* Belmont, CA: Wadsworth.
- Polya, G. (1985). *How to Solve It*. Ithaca: Princeton University Press

- Resnick, L.B. (1987). *Education and Learning to Think*. Washington D.C.: National Academy Press. [Online].
Tersedia: <http://books.nap.edu/books/0309037859/html>
- Rifat, M. (2001). *Pengaruh Pembelajaran Pola-pola Visual dalam Rangka Meningkatkan Kemampuan Menyelesaikan Masalah-masalah Matematika*. Disertasi PPS IKIP, Bandung: tidak diterbitkan.
- Ruseffendi, E.T. (1998). *Statistika Dasar untuk Pelatihan Pendidikan*. Bandung: IKIP Bandung Press.
- _____. (1994). *Dasar-Dasar Penelitian Pendidikan dan Bidang Non-Eksakta Lainnya*. Semarang: IKIP Semarang Press.
- _____. (1991a). *Pengantar kepada Membantu Guru Mengembangkan Kompetensinya dalam Pengajaran Matematika untuk Meningkatkan CBSA*. Bandung: Tarsito.
- _____. (1991b). *Penilaian Pendidikan dan Hasil Belajar Siswa Khususnya dalam Pengajaran Matematika*. Diklat.
- Schoenfeld, A.H. (1992). *Learning to Think Mathematically: Problem Solving, Metacognition, and Sense-Making in Mathematics*. [Online]. Tersedia: http://www-gse.berkeley.edu/faculty/aschoenfeld/LearningToThink/Learning_to_think_Math.html
- _____. (1999). *Looking Toward the 21st Century: Challenges of Educational Theory and Practice*. 1999 Annual Meeting of the American Educational Research Association, Montreal, Quebec, Canada, April 19-23, 1999.
- Subino. (1987). *Konstruksi dan Analisis Tes*. Jakarta: Departemen Pendidikan dan Kebudayaan.
- Sukmana. (2003). Dari "Teaching" Jadi "Learning". *Pikiran Rakyat* (8 Nopember 2003).
- Sumarmo, U. (1987). *Kemampuan Pemahaman dan Penalaran Matematika Siswa SMA Dikaitkan dengan Kemampuan Penalaran Logik Siswa dan Beberapa Unsur Proses Belajar-Mengajar*. Disertasi PPS IKIP, Bandung: tidak diterbitkan.
- Snedecor, G.W. dan Cochran, A.G. (1980). *Statistical Methods*, 7th ed. Ames: The Iowa State University Press.
- Tall, D.O. (1991). The Psychology of Advanced Mathematical Thinking. Dalam D.O. Tall, (ed), *Advanced Mathematical Thinking*. The Netherlands: Kluwer Academic Publishers.



Tim MKPBM (2001). *Strategi Pembelajaran Matematika Kontemporer*. Bandung: Jurusan Pendidikan Matematika FPMIPA UPI.

TIMMS (1999). *International Mathematics Report*. Boston: International Study Center.

Wahyudin. (1999). *Kemampuan Guru Matematika, Calon Guru Matematika, dan Siswa dalam Mata Pelajaran Matematika*. Disertasi PPS IKIP, Bandung: tidak diterbitkan.

Wilson, W.W.; Fernandez, M.L.; Hadaway, N. (1993). Dalam P.S. Wilson (Ed), *Research Ideas for the Classroom: High School Mathematics*, Bab 4. New York: MacMillan.

Tersedia: <http://jwilson.coe.uga.edu/emt725/PSsyn/PSsyn.html>

