

## DAFTAR PUSTAKA

- Abu-Elwan, R. (1999), Effectiveness of Problem Posing Strategies on Prospective Mathematics Teachers' Problem Solving Performance. *Journal of Science and Mathematics Education in SE.Asia*, 25(1), hlm. 56-69. [Online] Diakses dari <http://www-inst.eecs.berkeley.edu/~cs375/fa14/resources/Oman-problemssolving.pdf>.
- Akay, H. & Boz, N. (2010). The Effect of Problem Posing Oriented Analysis-II Course on the Attitudes toward Mathematics and Mathematics Self-Efficacy of elementary Prospective Mathematics Teachers. *Australian Journal of Teacher Education*, 35(1), hlm. 59-75. [Online] Diakses dari <http://ro.ecu.edu.au/cgi/viewcontent.cgi?article=1329&context=ajte>
- Anderson, J.R. (1993). *Problem Solving and Learning*. [Online]: Diakses dari [http://www.ida.liu.se/~729G15/res/kompendium/ACT\\_R\\_learning.pdf](http://www.ida.liu.se/~729G15/res/kompendium/ACT_R_learning.pdf)
- Ausubel, D.P & Fitzgerald, D. (1961). Meaningful Learning and Retention: Intrapersonal Cognitive Variables. *Review of Educational Research*, 31(5), hlm. 500-510. [Online] Diakses dari <http://www.jstor.org/1168901>
- Bandura, A. (1994). Self-Efficacy. *Encyclopedia of Human Behaviour*, 4, hlm. 71-81. New York: Academic Press. [Online] Diakses dari <http://www.uky.edu/~eushe2/Bandura/Bandura1994EHB.pdf>
- Bandura, A. & Adam, N.E. (1977). Analysis of Self-Efficacy Theory of Behavioral Change. *Cognitive Therapy and Research*, 1(4), hlm. 287-310. [Online] Diakses dari <http://link.jstor.org/>
- Betz, N. E., Borgen, F. H., & Harmon, L. W. (1996). *Skills Confidence Inventory*. Palo Alto, CA: Consulting Psychologists Press
- Born, A., Schwarzer, R., & Yerusalem, M. (1995). Generalized Self-Efficacy Scale. Dalam J. Weinman, S. Wright, & M. Johnston (ed). *Measures in health psychology: A user's portfolio. Causal and control beliefs*, hlm. 35-37. [Online] Diakses dari <http://userpage.fu-berlin.de/~health/engscal.htm>
- Bowman, C.L, Martin, M.G., & Morison.M. (2005). *Developing Reflection in Preservice Teachers*, London: LEA

- Brown, A.L. (1987). Metacognition, Execution Control, Self-Regulation and Other Nore Mysterious Mechanisms. Dalam Frann Weinert & Rainer Kluwe (ed). *Metacognition, Motivation, and Understanding*, hlm. 65-115. London: LEA
- Brown, S.I. & Walter, M.I. (2005). *The Art of Problem Posing*, hlm. 12-33. London: LEA
- Carpenter, T.P. (1985). Learning to Add and Subtract and Exercise In Problem Solving. Dalam Silver.E.A (ed). *Teaching and Learning Mathematics Problem Solvung. Multiple Resarch Perspectives*, hlm. 1-14. London: LEA
- Desoete, A. (2009). Mathematics and Metacognition in Adolescents and Adults with Learning Disabilities. *International electronics Journal of Elementary Education*, 2(1), hlm. 82-100. [Online] Diakses dari <http://www.iejee.com>
- Flavell, J.H. (1979). Metacognition and Cognitive Monitoring. A New Area of Cognitive-Developmental Inquiry. *Journal of American Psychology*, 34(10), hlm. 906-911. [Online] Diakses dari [http://jwilson.coe.uga.edu/EMAT7050/Students/Wilson/Flavell%20\(1979\).pdf](http://jwilson.coe.uga.edu/EMAT7050/Students/Wilson/Flavell%20(1979).pdf)
- Frank, M.A. (2011). *The Pillars of the Self -Concept: Self-Esteem and Self-Efficacy*. [Online] Diakses dari <http://www.excelatlife.com/articles/selfesteem.htm>
- Gagne, R.M. (1983). Some Issues in the Psychology of Mathematics Instruction. *Journal for Research in Mathematics Education*, 14(1), 7-18. [Online]. Diakses dari <http://generative.edb.utexas.edu/classes/knl2011sum/materials/24Gagne1983.pdf>
- Garofalo, J. & Lester, F.K. (1985). Metacognition, Cognitive Monitoring and Mathematical Performance. *Journal for Research in Mathematics Education*, 16(3), hlm. 163-176. [Online] Diakses dari [http://olms1.cte.jhu.edu/olms/data/resource/2083/math\\_compmon\\_research.pdf](http://olms1.cte.jhu.edu/olms/data/resource/2083/math_compmon_research.pdf)
- Ghasempour, Z. Bakar, M.N. & Jahanshahloo, G.R. (2013). Innovation in Teaching and Learning through Problem Posing Task and Metacognitive Strategies. *International Journal of Pedagogical Inovations*, 1(1), hlm. 53-62. [Online] Diakses dari [http://www.uob.edu.bh/uob\\_files/685/v.1issue9.pdf](http://www.uob.edu.bh/uob_files/685/v.1issue9.pdf)

- Haryati, F. (2012) *Meningkatkan Kemampuan Pemecahan Masalah dan Kemandirian Belajar Siswa melalui Pendekatan Metakognitif Berbasis Soft Skill. Tesis pada PPS UPI Bandung: Tidak diterbitkan*
- Kementerian Pendidikan dan Kebudayaan (2014). *Pedoman Penilaian Pencapaian Kompetensi Peserta Didik Sekolah Menengah Pertama*. Jakarta: Kemdikbud
- Kementerian Pendidikan dan Kebudayaan (2014). *Permendikbud No. 58 tentang Kurikulum 2013*. Jakarta: Kemdikbud
- Kuzle, A. (2013). Patern of Metacognitif Behavior During Mathematics Problem-Solving in a Dynamics Geometry Environment. *International Electronics Journal of Mathematics Education-IJME*, 8(1), hlm. 20-40. [Online] Diakses dari <http://www.iejme.com/012013/full.pdf>
- Lai, E.R. (2013). *Metacognition: A Literatur Review*. [Online] Diakses dari <http://www.peasonassessments.com/research>
- Lee, C.Y., Chen,M.J., & Chang, W.L. (2014). Effect of the Multiple Solution and Question Prompt on Generalization and Justification for Non-Routine Mathematical Problem Solving in a Computer Gams Context. *Eurasia Journal of Mathematics, Science, & Technology Education*, 10(2), hlm. 89-99. [Online] Diakses dari <http://www.ejmste.com/ms.aspx?kimlik=10.12973/eurasia.2014.1022a>
- Lester, F.K. (2013). Thoughts About Research On Mathematical Problem-Solving Instruction. Dalam Sriraman, B. (ed). *The Mathematics Enthusiast*, 10(1&2), hlm. 245-278. [Online] Diakses dari [http://www.math.umt.edu/TMME/vol10no1and2/TME\\_vol10nos1and2\\_2013\\_fullissue.pdf](http://www.math.umt.edu/TMME/vol10no1and2/TME_vol10nos1and2_2013_fullissue.pdf)
- Liu,X. & Koirala, H. (2009). The Effect of Mathematics Self-Efficacy on Mathematics Achievement of High School Students. *NERA Conference Proceedings*. [Online] Diakses dari [http://digitalcommons.uconn.edu/cgi/viewcontent.cgi?article=1029&context=nera\\_2009](http://digitalcommons.uconn.edu/cgi/viewcontent.cgi?article=1029&context=nera_2009)
- Livingston, J.A. (1997). Metacognition: An Overview [Online] Diakses dari <http://www.qse.buffalo.edu/fas/schuel/cep564/metacog.htm>

- Magno, C. (2011). The Use of Study Strategy on Mathematical Problem Solving. *The International Journal of Research and Review*, 6(2), hlm. 57-76. [Online] Diakses dari <http://journalofresearchandreview.books.officelive.com/default.asp>
- Matlin, M.W. (1994). *Cognition*. USA: Holt, Rinehart, and Winston, Inc
- Mokos, E. & Kafoussi, S. (2013). Elementary Students' Spontaneous Metacognitive Functions in Different Types of Mathematical Problems. *REDIMAT - Journal of Research in Mathematics Education*, 2(2), hlm.242-267. [Online]. Diakses dari <http://www.hipatiapress.info/hpjournals/index.php/redimat/article/view/487/pdf>
- Murni, A. (2013) *Peningkatan Kemampuan Pemecahan Masalah dan Representasi Matematis melalui Pembelajaran Metakognitif Berbasis Softkill*. Disertasi pada PPS UPI Bandung: Tidak diterbitkan
- National Council of Teachers of Mathematics, (2000). *Principles and Standards for School Mathematics*. Reston, VA: Author
- Newell, A, Shaw, J.C., & Simon, H.A. (1958). *Elements of a Theory of Human Problem Solving (Report on a General Problem Solving Program)*. California: The RAND Corporation. [Online] Diakses dari [ftp://http.se.scene.org/pub/bitsavers.org/pdf/rand/ipl/P1584\\_Report\\_On\\_A\\_General\\_Problem-Solving\\_Program\\_Feb59.pdf](ftp://http.se.scene.org/pub/bitsavers.org/pdf/rand/ipl/P1584_Report_On_A_General_Problem-Solving_Program_Feb59.pdf)
- Ormrod, J.E. (2009a). *Psikologi pendidikan Jilid 1*. Jakarta: Erlangga
- Ormrod, J.E. (2009b). *Psikologi Pendidikan Jilid 2*. Jakarta: Erlangga
- Ozsoy, G. & Ataman, A. (2009). The Effect of Metacognition Strategy Training on Mathematical Problem Solving Achievement. *International Electronic Journal of elementary Education*, 1(2), hlm. 68-82. [Online] Diakses dari [www.iejee.com](http://www.iejee.com)
- Pajares, F. & Miller, M.D. (1994). Role of Self-Efficacy and Self-Concept Beliefs in Mathematical Problem Solving: A Path Analysis. *Journal of Educational Psychology*, 86(2), hlm. 193-203. [Online] Diakses dari [http://cimm.ucr.ac.cr/ciaem/articulos/universitario/concepciones/Role%20of%20SelfEfficacy%20and%20SelfConcept%20Beliefs%20in%20Mathematica%20Problem%20Solving:%20A%20Path%20Analysis\\*Pajares,%20Frank%20Miller,%20M.%20David.\\*Pajares.pdf](http://cimm.ucr.ac.cr/ciaem/articulos/universitario/concepciones/Role%20of%20SelfEfficacy%20and%20SelfConcept%20Beliefs%20in%20Mathematica%20Problem%20Solving:%20A%20Path%20Analysis*Pajares,%20Frank%20Miller,%20M.%20David.*Pajares.pdf)

- Peters, M.L. & Kortecamp, K. (2010). Rethinking Undergraduate Mathematics Education: The Importance of Classroom Climate and Self-Efficacy on Mathematics Achievement. *Current Issues in Education*, 13(4). [Online] Diakses dari <http://cie.asu.edu/>
- PISA. (2012). Result in Focus. OECD. [Online] Diakses dari <http://www.oecd.org/pisa/keyfindings/pisa-2012-results-overview.pdf>
- Prabawanto, S. (2013). *Peningkatan Kemampuan Pemecahan Masalah, Komunikasi dan Sel-Efficacy Matematis Mahasiswa melalui Pembelajaran dengan Pendekatan Metacognitive Scaffolding*. Disertasi pada PPS UPI Bandung: Tidak diterbitkan
- Ramdass, D & Zimmerman, B.J. (2008). Effects of Self-Correction Strategy Training on Middle School Students' Self-Efficacy, Self-Evaluation, and Mathematics Division Learning. *Journal of Advanced Academics*, 20(1), hlm. 18-41. [Online] Diakses dari <http://files.eric.ed.gov/fulltext/EJ835867.pdf>
- Risko, V.J, Roskos, K., & Vukelich, C. (2005). *Reflection and the Self-Analytic Turn of Mind: Toward More Robust Instruction in Teacher Education*. London: LEA
- Robertson, S.I. (2001). *Problem solving*. USA: Psychology Press Ltd.
- Ruseffendi, E.T. (2010). *Dasar-Dasar Penelitian Pendidikan & Bidang Non-Eksakta Lainnya*. Bandung: Tarsito
- Schoenfeld, A. H. (1992). Learning to Think Mathematically: Problem Solving, Metacognition, and Sense-making in Mathematics. Dalam Grouws (Ed.), *Handbook for Research on Mathematics Teaching and Learning*, hlm. 334-337. New York: MacMillan
- Schoenfeld, A. H. (2013). Reflection on Problem Solving Theory and Practice Sriraman,B (ed). *The Mathematics. Enthusiast*, 10(1&2), hlm. 9-34. [Online] Diakses dari [http://www.math.umt.edu/TMME/vol10no1and2/TME\\_vol10nos1and2\\_2013\\_fullissue.pdf](http://www.math.umt.edu/TMME/vol10no1and2/TME_vol10nos1and2_2013_fullissue.pdf)
- Schraw, G. & Moshman, D. (1995). Metacognition Theories. *Educational Psychology Review*, 7(4), hlm. 351-371. [Online] Diakses dari <http://www.springerlink.com/content/1040-726X>
- Schreiber, F.J.(2005). *Metacognition and Self-Regulation in Literacy*. London: LEA.

- Schunk, D.H. (1987). Peer Models and Children's Behavioral Change. *Review of Educational Research*, 57, hlm. 149-174. [Online] Diakses dari [http://libres.uncg.edu/ir/uncg/f/D\\_Schunk\\_Peer\\_1987.pdf](http://libres.uncg.edu/ir/uncg/f/D_Schunk_Peer_1987.pdf)
- Silver, E.A. (1994). *On Mathematical Problem Posing. For the Learnong of Mathematics*, 14(1), Hlm. 19-28. [Online] Diakses dari <http://www.jstor.org/stable/40248099>
- Skemp, R.R. (1962). *The Psychology of Learning and Teaching Matematics*. England University Menchester. [Online] Diakses dari <http://unesdoc.unesco.org/images/0014/001447/144791eb.pdf>
- Slavin, R.E. (2011). *Psikologi Pendidikan Jilid 2*. Jakarta: Indeks
- Suherman, E. (2003). Evaluasi Pembelajaran Matematika. Dalam Turmudi (ed). *Individual Textbook*. Bandung: JICA
- Suherman, E. Turmudi. dkk. (2003). Strategi Pembelajaran Matematika Kontemporer. *Common Textbook*. Bandung: JICA
- Suryadi, D. (2005). *Penggunaan Pendekatan Pembelajaran tidak langsung serta Pendekatan Gabungan Langsung dan Tidak Langsung Dalam Rangka Meningkatkan Kemampuan Berpikir Matematik Tingkat Tinggi Siswa SLTP*. Disertasi pada PPS UPI Bandung: Tidak diterbitkan
- Tamalene, H. (2010). *Pembelajaran Matematika dengan Model Core melalui Pendekatan Keterampilan Metakognitif untuk Meningkatkan Penalaran Matematis siswa SMP*. Tesis pada PPS UPI Bandung: Tidak diterbitkan
- TIMSS. *TIMSS 2011 International Result in Mathematics*. USA: IEA [Online] Diakses dari [http://timssandpirls.bc.edu/timss2011/downloads/T11\\_IR\\_Mathematics\\_FullBook.pdf](http://timssandpirls.bc.edu/timss2011/downloads/T11_IR_Mathematics_FullBook.pdf)
- Trianto. (2011). *Mendesain Model Pembelajaran Inovatif-Progresif*. Jakarta: Kencana Prenada Media Group
- Trigo, Santos, M., & Armell,L.M. (2013). International Perspectives on Problem Solving. Dalam Sriraman,B (ed). *The Mathematics. Enthusiast*, 10 (1&2), hlm. 3-8. [Online] Diakses dari [http://www.math.umt.edu/TMME/vol10no1and2/TME\\_vol10nos1and2\\_2013\\_fullissue.pdf](http://www.math.umt.edu/TMME/vol10no1and2/TME_vol10nos1and2_2013_fullissue.pdf)

- Turmudi. (2009). Pemecahan Masalah Matematika. *Makalah pada Pengembangan Pendidikan Guru Madrasah Ibtidaiyah*. Banda Aceh:IAIN
- Wahyudin. (2012). *Modul Statistik Terapan*. Bandung: Mandiri
- Winkel, W.S. (1991). *Psikologi Pengajaran*. Jakarta: Grasindo
- Xia, X. Lu, C. & Wang, B. (2008). Research on Mathematics Instruction Experiment Based Problem Posing. *Journal of Mathematics Education*, 1(1), hlm. 153-163. [Online] Diakses dari [http://educationforatoz.org/images/12\\_Xia\\_Research\\_on\\_Mathematics\\_Instruction\\_Experiment.pdf](http://educationforatoz.org/images/12_Xia_Research_on_Mathematics_Instruction_Experiment.pdf)
- Yuniati, S. (2010) *Meningkatkan kemampuan pemahaman dan penalaran matematik siswa Sekolah Menengah Pertama (SMP) dengan pembelajaran problem posing*. Tesis pada PPS UPI Bandung: Tidak diterbitkan