

DAFTAR PUSTAKA

- Abdurrahman, M. 2003. *Pendidikan Bagi Anak Berkesulitan Belajar*. Rineka Cipta: Jakarta.
- Abidin, Y. 2014. *Desain Sistem Pembelajaran dalam Konteks Kurikulum 2013*. Bandung: Refika Aditama.
- Ahmad, A., Saad, N. S., & Ghani, S. 2014. Mathematical Problem Solving Behavior of Successful Problem Solving. *Jurnal Pendidikan Sains dan matematika Malaysia*. No. 2, Vol. 4, ISSN 2232-0393.
- Akker, J. V. D. 1999. *Principles and Methods of Development Research*. Dalam Plom, T; Nieveen, N; Gustafson, K; Branch, R.M; & van den Akker, J (eds). *Disign Approaches and Tools in Education and Training* Landon: Kluwer Academic Publisher.
- Arends, R.I. 2008. *Learning to Teach, Belajar untuk Mengajar. Edisi Ketujuh. Jilid Dua*. Terjemahan oleh Soedjipto, Sri , M. Yogyakarta: Pustaka Pelajar.
- Arifin, Z. 2011. *Evaluasi Pembelajaran*. Bandung: PT Remaja Rosdakarya.
- Arikunto, S.199, *Dasar – dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Asmin & Mansyur, M. 2014. *Pengukuran dan Penilaian Hasil Belajar dengan Analisis Klasik dan Modern*. Medan: Larispa.
- Astriani, N., Surya, E., Syahputra, E. 2017. The effect of Problem Based Learning to Student's Mathematical Problem Solving Ability. *IJARIE*. Vol.3.Issue-2. ISSN (0)- 2395-4396.
- Bakker, A. 2003. *Design Research in Statistics Education on Symbolizing and Computer Tools*. Amersfoort: Wilco Press.
- Borg, W. R & Gall, M.GZ.2003. *Educational Research: An Introduction*. New York & London: Longman Inc
- Dahar, R. W. 1991. *Teori-teori Belajar*. Jakarta: P2LPTK Dirjen Dikti Depdikbud.
- _____, R.W. 2011. *Teori-teori Belajar*. Jakarta: Erlangga.
- Depdiknas. 2002. *Manajemen Pendidikan Mutu Berbasis Sekolah*. Jakarta: Direktorat Jendral Pendidikan Dasar dan Menengah.

- _____. 2006. *Peraturan Menteri Pendidikan Nasional Nomor 22 Tahun 2006 Tentang Standar Kompetensi Lulusan Sekolah Menengah Pertama*. Jakarta: Depdiknas
- _____. 2008. *Pengembangan Model Pembelajaran Tatap Muka Penugasan Terstruktur dan Tugas Mandiri Tidak Terstruktur*. Jakarta: Direktorat Pembina Sekolah Menengah Atas Dikdasmen.
- Dick, W., Carey, L., & Carey, J. O. 2009. *The Systematic Design of Instruction, Sixth Edition*. Boston.
- Direktorat Jendral Pendidikan Dasar dan Menengah. 2006. *Kurikulum Pendidikan Dasar, Matematika SLTP*. Jakarta: Depdikbud.
- Djaali, H. 2007. *Pengukuran dalam Bidang Pendidikan*. Jakarta: PT Gramedia Widiasarana Indonesia.
- Eviyanti, Y., Surya, E., & Syahputra, E. 2017. Improving The Student's Mathematical Problem Solving Ability by Applying Problem Based Learning Model in VII Grade at SMPN 1 Banda Aceh Indonesia. *Internasional Journal of Novel Research in Education and Learning*. ISSN 2394-9686. Vol. 4. Issue 2
- Fauzi, A. 2015. The Enhancement of Student's Mathematical Connection Ability and Self regulation learning with Metacognitive Learning Approach in Junior High School. *Internasional Convergence On Research and Education In Mathematics (ICREM7)*.
- _____. 2018. Mathematics Learning By Using Metakognitive Approach to Improve Mathematical Logical Thingking Ability and Positive Attitud of Junior High School Students. *Journal of Education and Practice*. ISSN 2222-1735. Vol 9. No 6.
- Haryanto. 1997. *Perencanaan Pengajaran*. Solo: Rineka Cipta.
- Herman. 2012. Meningkatkan Kecerdasan Emosional Melalui Pembelajaran Matematika Realistik. *Jurnal Pendidikan dan Pembelajaran*. Vol. 19, No. 1, April 2012(65-76).
- Hoe, L. N. 2001. The Role of Metacognition in Learning of Mathematics Among Low Achieving Students. Singapore: *Institute of Education Teaching and Learning*. 22.2.18-30.
- Hudojo, H. 1988. *Pengenbangan Kurikulum dan Pembelajaran matematika*. Malang: Universitas Negeri Malang (UM PRESS).
- _____, H. 2005. *Pengembangan Kurikulum dan Pembelajaran Matematika*. Malang: Universitas malang.

- In'am, A., Saad, N., & Ghani S. A. 2012. A Metacognitive Approach to Solving Algebra Problem. In *Internasional Journal of Independent Research and Studies (IJIRS)*. ISSN: 226-4817; EISSN: 2304-6953. Vol. 1, No. 4. (oktober, 2012) 162-173.
- Kazemi, F. 2010. A Subtle View to Meta-Cognitif Aspect of Mathematical Problem Solving. *Proceedings of the Social and Behavioral Sciences*. 8:420-426.
- Knain, E. & Turmo, A. 2000. *Self Regulated Learning*. [online]. Tersedia: <http://www.pisa.no/pdf/Nordisk%20rapport/kap8.pdf>. [diakses 26 Oktober 2017].
- Koesnandar. 2008. *Pengembangan Bahan Belajar Berbasis Web*. Tersedia [online] <http://www.teknologipendidikan.net/2008/02/12/pengembangan-bahan-ajar-berbasisweb>.
- Kornell & Bjork. 2007. The Promise Perils of Self Regulated Study. *Psychonomic Bulletin and Review*. No. 2, Vol. 14, 219-224.
- Kramarski, B. & Mizrachi, N. 2014. Enhancing Mathematical Literacy with The Use of Metacognitive Guidance in Forum Discussion. In Proceeding of the 28th Conference of Internasional Group for Psychology of Mathematics Education [online]. Tersedia <http://www.emis.de/Proceedings/PME28?RR/RR306.Kramarski.pdf>. [diakses 26 Oktober 2017].
- Lijedhal, P. 2016. Problem Solving in Mathematics Education. ICME-13 Topical Surveys. Germany: Springer Open.
- Livingston, J. 2003. *Metakognition: An Overview*. [online]. Tersedia: <http://people.ucse.edu/gwells/files/coursesfolder/documents/LivingstonMetakognition.pdf> [diakses 27 Oktober 2017].
- Loehr, M. R. Fyfe, R. E. & Johnson, R. B. 2014. Wait For It.. Delaying Instruction Improves Mathematics Problem Solving : A Calssroom Study. *Journal of Problem Solving*. V 7. Vanderbilt University.
- Mahadi, R., & Subramaniam, R. 2013. The Role Of Meta-Cognitive Self Regulated Learning Strategies In Enhancing Language Performance: A Theoretical And Empirical Review. *Journal of Asian Scientific Research*, 2013, 3(6):570-577.
- Mantalvo, F. T. & Torres, M. C. 2004. Self Regulated Learning: Curent and Future Direction. *Electronict journal of Research in Education Psychology*. 2(1)(1-34). ISSN: 1696-2095. Dapartement of Education Universidad de Nevaca.

- Mataka, L. M., Cobern, W. W., Grunert, M., Mutambuki, J., & Akom, G. 2014. The Effect of Using an Explicit General Problem Solving Teaching Approach on Elementary Pre-Service Teachers' Ability to Solved Heat Transfer Problem. *International Journal of Education in Mathematics, science and Technology (IJEMST)*. 2(3). 164-174
- Maulana. 2008. Pendekatan Metakognitif Sebagai Alternatif Pembelajaran Matematika Untuk Meningkatkan Kemampuan Berpikir Kritis Mahasiswa PGSD. *Jurnal Pendidikan Dasar*. Vol. 10: 1-10.
- Memnun, D. S., Coban, M. 2015. Mathematical Problem Solving: Variables that Affect Problem Solving Success. *Internasional Research in Education*. No. 2, Vol. 3: ISSN 2327-5499.
- Muchayat. 2011. Pengembangan Perangkat Pembelajaran Matematika dengan Strategi Ideal Problem Solving Berbantuan Pendidikan Karakter. *Jurnal PP*. [online]. Vol 1. No. 2. [<http://journal.unnes.ac.id/nju/index.php/jppasca/article/download/1545/1721>]. Diakses Juli 2018.
- Muir, T., Beswick, K., & Williamsom, J. 2008. I am Not Very Good at Solving Problem : An Exploration of Student's Problem Solving Behaviors. *The Journal of Mathematical Behaviour*. 27.3. 228-241.
- Napitupulu, E. 2008. Mengembangkan Strategi dan Kemampuan Siswa Memecahkan Masalah Matematik. *Pythagoras*. 2008(4) DOI: <http://dx.doi.org/1021831/g.v4i2.557>
- NCTM. 2000. *Defining Problem Solving*. [online]. Tersedia: [http:// NCTMdefenisionproblemsolving](http://NCTMdefenisionproblemsolving) [diakses 27 Oktober 2017].
- Nieveen, N. 2007. *An Introduction to Educational Design Research*. Cina. [online], (www.slo.nl/organisatie/international/publications), diakses 28 Desember 2017.
- Nort Central Regional Educational Laboratory (NCREL). 2007. *Metacognition*. (online).<http://www.ncrel.org/sdrs/areasissues/students/learning/Irlmetn.html>, diakses Juli 2018.
- Ozcan, Z. C., & Erktin, E. 2015. Enhancing mathematics Achievement of Elementary School Students Through Homework Assignments Enriched With Metacognitive Question. *Euresia Journal of Mathematics, Science & Technology Education*. Vol 11. 6: 1415-1427.

- Panoura, A., Philippou, & Christou. 2005. *Young Pupil's Metacognitive Ability in Mathematics European Research in Mathematics Departemen of Education*. University of Cyprus. [online]. [http://p4 miriunpat.wordpress.com/2011/11/14/metakogni-si dalam pembelajaran-matematika. Diakses Juli 2018.
- Pimta, S. 2009. Factors Influencing Mathematics Problem Solving Ability of Six Grade Students. *Journal of Social Sciences*.5.4. 381-385.
- Polya, G. 2015. *How to Solve it. A New Aspect of Mathematical Method*. New Jersey: Princeton University Press.
- Portoles. 2007. *Cognitive in Science Problem Solving: A Review of Reasearch*. Illinois State University Physics Dept. IES Benaguasil 46183.
- Risnanosanti. 2012. Hypothetical Learning Trajectory Untuk Menumbuhkembangkan Kemampuan Berfikir Kreatif Matematis Siswa SMA Matematika FMIPA UNY. Yogyakarta, 10 November 2012. ISBN: 978-979-16353-8-7 Rochmad. 2012. Desain Model Pengembangan Perangkat Pembelajaran. *Jurnal Kreano*. 3(1):59-72
- Ruseffendi, E. T. 1991. *Pengajaran Matematika Modern dan Masa Kini*. Bandung: Tarsito.
- Rusman. 2011. *Model-Model Pembelajaran Mengembangkan Profesionalisme Guru*. Bandung: Rajagrafindo Perkasa.
- Saragih, S. Habeahan, L, W. 2014. The Improving of Problem Solving and Students' Creativity Mathematical by Using Problem Based Learning in SMP Negeri 2 Siantar. *Journal of Education and Practice*. ISSN 2222-1735. Vol 5. No 35.
- Schoenfeld, A. H. 1992. *Learning To Think Matematically: Problem Solving, Metacognition, And Sense-Making in Mathematics*. In D. Grouws (ED.). Handbook for Research on Mathematics Teachung and Learning (pp.334-370). Nweyork: MacMillan. [online]. Tersedia: http://jwilson.coe.uge.edu/EMAT7050/Schoenfeld_Maththinking.pdf. [diakses 25 Oktober 2017].
- Setyadi, D., Subanji., & Muksar, M. 2016. Identification of Students' Metacognition Level in Solving Mathematics Problem about Sequence. *Journal of Research & Method in Education (IOSR-JRME)*. ISSN: 2320-7388,p-ISSN: 2320-737X Volume 6.
- Soedjadi, R. 2004. *Kiat Pendidikan Matematika di Indonesia*. Jakarta: Dirjen Dikti

- Sonay, Z. & Bulut S. 2014. Experimental Study on Mathematical Problem Solving Approach with Pre-service Elementary Teachers. *Pamukkale Universitesi Egitim fakultesi Dergisi*. Say 36. II. 45-46
- Sugiyono. 2012. *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Suherman & Erma. 2003. *Strategi Pembelajaran Matematika Kontemporer*. Bandung: UPI.
- Sun, Z., Xie, K., & Anderman, H.L. 2017. *The Role Of Self-Regulated Learning In Students' Success In Flipped Undergraduate Math Courses*. *The Internet and Higher Education* 36 (2018) 41–53.
- Suparman. 2014. *Desain Intruksional Modern (Edisi Empat)*. Jakarta: Erlangga.
- Surya, E., Putri, A, F., & Mukhtar. 2017. Improving Mathematical Problem Solving Ability and Self Convidence of Haigh Scool Students Through Contextual Learning Model. *Journal On Mathematics Education*. Vol 8, No 1. ISSN 2087-8885
- Syahputra, E. & Surya, E. 2017. The Development of learning Model Based on Problem Solving to Construct High-Order Thinking Skill on the Learning Mathematics of 11th Grade in SMA/MA. *Journal of Education and Practice*. No. 6, Vol. 8, ISSN 222-1735
- Szetela, W. & Nicol, W. 1992. *Evaluating problem soving in mathematics*. New york: Cambridge University Press.
- Trianto. 2009. *Teori Belajar yang Relevan dengan Pembelajaran Matematika Realistik (PMR)*. Jakarta: Kencana Prada Media Group.
- _____. 2010. *Mendesain Model Pembelajaran Inovatif- Progresif*. Jakarta: Kencana Prada Media Group
- Uno, H. B. 2006. *Model Pembelajaran: Menciptakan Proses Belajar Mengajar yang Kreatif dan Efektif*. Jakarta: Bumi Aksara.
- Wellman, H. 1985. *Metacognition, Cognition, and Human Performance*. Theoretical Perspective: Academic Press.
- Wijaya, A. 2012. *Pendidikan Matematika Realistik*. Yogyakarta: Graha Ilmu
- Wolter, C. A.; Pintrich, P. R. & Kababenick, S. A. 2003. Assessing Academic Self-regulated Learning. Paper Prepared for the Conference on Indocor of Possitive Development: definition, Measure, and Prospective Validity.
- Yamin, M. 2013. *Strategi & Metode dalam Model Pembelajaran*. Jakarta: Referensi (GP Press Group).

Yildirim, S., & Ersozlu, N.Z. 2013. The Relationship Between Students Metacognitive Awareness and Their Solutions to Similar Types of Mathematical Problem. *Science & Technology Education*, 9(4),411-415.

Yuliani, K., & Saragih, S. 2015. The Development of Learning Devices Based Guided Discovery Model to Improve Understanding Concept and Critical Thinking Mathematically Ability of Students at Islamic Junior High School of Medan. *Journal of Education and Practice*. ISSN 2222-1735 (Paper) ISSN 2222-288X.

Zimmerman, B. J. 1989. A social Cognitive View of Self Regulated Academic Learning. *Journal of Educational Psychology*. Vol. 81, No. 3, 329-339.

_____. 2008. Investigating Self-Regulated And Motivation: Historical Background, Methodological Development, And Future Prospects. *America Education Research Journal Math*. Vol. 45, No. 1, pp. 166-183 DOI:10.3102/0002831207312909.

Zumbrunn, S.; Tadlock, J. & Roberts, E. D. 2011. Encouraging Self-Regulated Learning in the Classroom: A Review of Literature. Virginia Commonwealth University: Metropolitan Educational Research Consortium (MERC).