

DAFTAR PUSTAKA

- Almolhodaie, H. (2002). Students' Cognitive Style and Mathematical Word Problem Solving. *Research in Mathematical Education*, 6(2), 171–182.
- Arikunto, S. (2012). *Dasar-dasar evaluasi pendidikan* (Edisi Revisi). Jakarta : Bumi Aksara.
- Astuti, P. (2018). Kemampuan Literasi Matematika dan Kemampuan Berpikir Tingkat Tinggi. *PRISMA*, 1, 263–268. <https://journal.unnes.ac.id/sju/index.php/prisma/>
- Badiou, A. (1999). *Manifesto for Philosophy*. New York : State University of New York Press.
- Bahrami, F., & Yousefi, N. (2011). Females are more anxious than males: A metacognitive perspective. *Iranian Journal of Psychiatry and Behavioral Sciences*, 5(2), 83–90.
- Ball, D. L., & Bass, H. (2003). Making Mathematics Reasonable in School. In J.
- Kilpatrick, W. G. Martin, & D. Schifter (Eds.), *A Research Companion to Principles and Standards for School Mathematics* (pp. 27–44). Reston, VA : National Council of Teachers of Mathematics.
- Baroody, A. J. (2003). The Development of Adaptive Expertise and Flexibility: The Integration of Conceptual and Procedural Knowledge. In A. J.
- Baroody & A. Dowker (Eds.), *The Development of Arithmetic Concepts and Skills: Constructive Adaptive Expertise* (pp. 1–34). England : Routledge.
- Begle, E.G. (1979). *Critical Variables in Mathematics Education*. Washington DC. The mathematical Association of America and NCTM.
- Departemen Pendidikan Nasional. (2006). *Permendiknas no 22 Tahun 2006 Tentang Standar Isi Untuk Satuan Pendidikan Dasar dan Menengah*. Jakarta : Menteri Pendidikan Nasional.
- Departemen Pendidikan Nasional. (2008). *Kamus besar bahasa Indonesia Pusat Bahasa*. Jakarta : Departemen Pendidikan Nasional.
- Douglass, J. A., Thomson, G., & Zhao, C. M. (2012). The learning outcomes race: The value of self-reported gains in large research universities. *Higher Education*, 64(3), 317–335. <https://doi.org/10.1007/s10734-011-9496-x>.
- Fatima, S. K. (2008). *Reasoning Ability of Adolescent Students*. New Delhi : Discovery Publishing Pvt.Ltd.
- Ferdiani RD, Farida N, Murniasih TR. (2019). Analisis Kemampuan Berpikir Kreatif Siswa SMP Melalui Soal Open Ended Pada Materi Bangun Tabung. *MUST: Journal of Mathematics Education, Science and Technology* Vol. 4, No. 1, Juli 2019 Hal 35-44.

- Fikriya, A., Waluya, S. B., & Sunarmi. (2018). The analysis of adaptive reasoning ability reviewed from students' confidence in ethnomathematic-based treffinger learning model. *Unnes Journal of Mathematics Education*, 7(2), 100–107. <https://doi.org/10.15294/ujme.v7i2.24941>.
- Haryanti, C. F., & Masriyah. (2017). Profil Penalaran Adaptif Siswa Dalam Memecahkan Masalah Open Ended Ditinjau Dari Kemampuan Matematika. *MATHEdunesa*, 7(2), 197–204.
- Haryanti, M. D., & Wibowo, T. (2016). Proses Penalaran Adaptif (Adaptive Reasoning) Dalam Pemecahan Masalah Matematika Pada Siswa SMP. *Ekuivalen-Pendidikan Matematika*, 12(1), 72–76.
- Heller, P., Keith, R., & Anderson, S. (1992). Teaching problem solving through cooperative grouping. Part 1: Group versus individual problem solving. *American Journal of Physics*, 60(7), 627–636. <https://doi.org/10.1119/1.17117>.
- Herdiansyah, H. (2010). *Metodologi penelitian kualitatif untuk ilmu-ilmu sosial*. Jakarta : Salemba Humanika.
- Ibrahim. (2018). *Metodologi Penelitian Kualitatif, Panduan Penelitian Beserta Contoh Proposal Kualitatif*. Bandung : Alfabeta.
- Idris, N. (2006). *Teaching and learning of mathematics : making sense and developing cognitive abilities*. Kuala Lumpur : Utusan Publications.
- Idrus, M. (2009). *Metode Penelitian Ilmu Sosial, Pendekatan Kualitatif dan Kuantitatif* (p. 123). Jakarta: Erlangga.
- In'am, A. (2014). The Implementation of the Polya's Method in Solving Euclidean Geometry Problems. *International Education Studies*, 7(7), 149–158.
- Indriani, T., Hartoyo, A., & Astuti, D. (2017). Kemampuan Penalaran Adaptif Siswa Dalam Memecahkan Masalah Kelas VIII SMP Pontianak. *Jurnal Pendidikan Dan Pembelajaran Khatulistiwa*, 6(2), 1–12.
- Joyce, B. R., Weil, M., & Calhoun, E. (2015). *Models of Teaching* (8th Ed.). London : Pearson.
- Kadir. (2017). Meta-Analysis of The Effect of Learning Intervention Toward Mathematical Thinking on Research and Publication of Student. *TARBIYA: Journal of Education in Muslim Society*, 4(2), 162–175. <https://doi.org/10.15408/tjems.v4i2.8010>.
- Keating, D. P., & Bobbitt, B. L. (1978). Individual and Developmental Differences in Cognitive-Processing Components of Mental Ability. *Child Development*, 49(1), 155–167. <https://doi.org/10.2307/1128604>.

- Keefe, J. W. (1987). *Learning Style Theory and Practice*. Virginia : National Association of Secondary School Principals.
- Kilpatrick, J., Swafford, J., & Findell, B. (2001). *Adding It Up: Helping Children Learn Mathematics*. Washington : National Academies Press.
- Kristanti, Y. D., & Kriswandani. (2018). Analisis Penalaran Adaptif Dalam Menyelesaikan Soal Polyhedron Ditinjau Dari Gaya Belajar Dan Gaya Berpikir. *Prosiding Seminar Nasional Etnomatematika*, 249–257.
- Krulik, S., & Rudnick, J. A. (1995). *New Sourcebook for Teaching Reasoning and Problem Solving in Elementary Schools*. USA : Allyn & Bacon.
- Kuo, F. R., Hwang, G. J., Chen, S. C., & Chen, S. Y. (2012). A cognitive apprenticeship approach to facilitating web-based collaborative problem solving. *Educational Technology and Society*, 15(4), 319–331.
- Leasa, M., & Corebima, A. D. (2017). The effect of numbered heads together (NHT) cooperative learning model on the cognitive achievement of students with different academic ability. *Journal of Physics: Conference Series*, 795(012071), 1–9. <https://doi.org/10.1088/1742-6596/795/1/012071>.
- Leng, Y. L., & Hoo, C. T. (1997). Explaining The Thinking, Learning Styles, And Cognition Constructs. *The Mathematics Educator*, 2(1), 113–127.
- Lestari, K. E., & Yudhanegara, M. R. (2017). Analisis adaptive reasoning proficiency mahasiswa melalui implementasi teori conditioningreinforcement- scaffolding (CRS) pada mata kuliah analisis real. *JP3M (Jurnal Penelitian Pendidikan Dan Pengajaran Pendidikan Matematika)*, 3(2), 77–82.
- Lestari, S. (2016). *Asesmen Penalaran Quellmalz*. Departemen Pendidikan Biologi. FPMIPA UPI Bandung.
- Maslow, A. H. (1943). A Theory of Human Motivation. *Psychological Review*, 50(4), 370–396. <https://doi.org/10.1037/h0054346>.
- Maulana. (2017). *Konsep Dasar Matematika dan Pengembangan Kemampuan Berpikir*. Bandung : UPI Sumedang Press.
- Mayer, J. D. (2019). An Integrated Approach to Personality Assessment Based on the Personality Systems Framework. *Journal of Personality Assessment*, 102(4), 1–14. <https://doi.org/10.1080/00223891.2018.1555539>.
- Minarni, A. (2010). Peran Penalaran Matematik untuk Meningkatkan Kemampuan Pemecahan Masalah Matematik Siswa. *Makalah Seminar Nasional Matematika Dan Pendidikan Matematika. FMIPA UNY.*, 478–484.

- Moleong, L. J. (2019). *Metodologi Penelitian Kualitatif (Edisi Revisi)*. Bandung : Remaja Rosdakarya. <https://doi.org/10.1016/j.carbpol.2013.02.055>.
- Mueller, M., & Maher, C. (2009). Learning to reason in an informal math afterschool program. *Mathematics Education Research Journal*, 21(3). <https://doi.org/10.1007/BF03217551>.
- NCTM. (2000). *Principles and Standards for School Mathematics*. Reston, VA: National Council of Teachers of Mathematics.
- Noviantii, E., Yuanita, P., & Maimunah, M. (2020). Pembelajaran Berbasis Masalah dalam Meningkatkan Kemampuan Pemecahan Masalah Matematika. *Journal of Education and Learning Mathematics Research (JELMaR)*, 1(1), 65–73. <https://doi.org/10.37303/jelmar.v1i1.12>.
- Onyekuru, B. U. (2015). Field Dependence-Field Independence Cognitive Style, Gender, Career Choice and Academic Achievement of Secondary School Students in Emohua Local Government Area of Rivers State. *Journal of Education and Practice*, 6(10), 76–85.
- Ostler, E. (2011). Teaching adaptive and strategic reasoning through formula derivation: Beyond formal semiotics. *International Journal of Mathematics Science Education*, 4(2), 16–26.
- Patton, M. Q. (1987). *Qualitative Education Methods*. Beverly Hills: Sage Publication.
- Peirce, C. S. (2011). How to Make Our Ideas Clear. In *The Pragmatism Reader: From Peirce through the Present*. <https://doi.org/10.4324/9781003061502-4>.
- Peraturan Rektor Unimed. (2016). *Kurikulum Prodi Pendidikan Matematika Berbasis Kerangka Kualifikasi Nasional Indonesia (KKNI)*. Medan: Unimed.
- Polya, G. (1973). *How to Solve It: A New Aspect of Mathematical Method*. Princeton, NJ : Princeton University Press.
- Posamentier, A. S., & Krulik, S. (2009). *Problem Solving in Mathematics, Grades 3-6: Powerful Strategies to Deepen Understanding*. California : Corwin Publisher.
- Rahayu, W., & Sinaga, O. (2019). Differences in mathematical reasoning ability of students in secondary high school. *International Journal of Advanced Science and Technology*, 28(14), 469–475.
- Ratumanan, T. G. (2004). *Belajar dan Pembelajaran*. Surabaya : Unesa University Press.
- Readence, J., Bean, T. W., & Bean, J. D. (2017). *Content Area Literacy: An Integrated Approach*. Dubuque : Kendall Hunt Publishing.
- Ross, J. A., & Bruce, C. D. (2012). Quantitative inquiry into collaborative action research: Measuring teacher benefits. *Teacher Development*, 16(4), 537–561.

- Rozencwajg, P., & Corroyer, D. (2005). Cognitive processes in the reflectiveimpulsive cognitive style. *Journal of Genetic Psychology*, 166(4), 451– 463. <https://doi.org/10.3200/GNTP.166.4.451-466>.
- Sadiyah, I. F., & Siswono, T. Y. E. (2018). Penalaran Adaptif Siswa Reflektif Dan Impulsif Dalam Mengajukan Soal Matematika. *MATHEdunesa*, 7(2), 451– 463.
- Samuelsson, J. (2010). The impact of teaching approaches on students' mathematical proficiency in Sweden. *International Electronic Journal of Mathematics Education*, 5(2), 6178.
- Santrock, J. W. (2009). *Psikologi Pendidikan Educational Psychology* (Edisi 3). Jakarta : Salemba Humanika.
- Saraswati, P. M. S., & Agustika, G. N. S. (2020). Kemampuan Berpikir Tingkat Tinggi Dalam Menyelesaikan Soal HOTS Mata Pelajaran Matematika. *Jurnal Ilmiah Sekolah Dasar*, 4(2), 257-269.
- Septyani, D. A., & Siswono, T. Y. E. (2018). Proses Berpikir Kritis Siswa SMP Dalam Pengajuan Masalah Matematika Berdasarkan Gaya Kognitif Visualizer dan Verbalizer. *MATHEdunesa*, 7(2), 205–213.
- Shadiq, F. (2014). *Pembelajaran Matematika: Cara Meningkatkan Kemampuan Berpikir Kritis Siswa*. Yogyakarta : Graha Ilmu.
- Shurter, R. L., & Pierce, J. R. (1966). *Critical thinking, its expression in argument*. New York : McGraw-Hill.
- Siegfried, J. M. (2012). *The Hidden Strand of Mathematical Proficiency: Defining and Assessing for Productive Disposition in Elementary School Teachers' Mathematical Content Knowledge*. Dissertations Doctor of Philosophy, University of California, San Diego State University.
- Siswono, T. Y. E. (2008). *Model Pembelajaran Matematika Berbasis Pengajuan Masalah dan Pemecahan Masalah untuk Meningkatkan Kemampuan Berpikir Kreatif*. Surabaya : Unesa University Press.
- Soedjadi. (2000). *Kiat pendidikan matematika di Indonesia: Konstataasi keadaan masa kini menuju harapan masa depan*. Jakarta : Direktorat Jenderal Pendidikan Tinggi, Departemen Pendidikan Nasional.
- Solso, R. L., Maclin, O. H., & Maclin, M. K. (2008). *Psikologi Kognitif* (Edisi 8). Jakarta : Erlangga.
- Sternberg, R. J. (1999). *Handbook of creativity* (Ed.). Cambridge : Cambridge University Press.

- Sternberg, R. J., & Grigorenko, E. L. (1997). *Intelligence, heredity, and environment*. Cambridge University Press. (Eds.). Cambridge : Cambridge University Press.
- Sternberg, Robert J. (2014). The development of adaptive competence: Why cultural psychology is necessary and not just nice. *Developmental Review*, 34(3), 208–224. <https://doi.org/10.1016/j.dr.2014.05.004>.
- Sudarman. (2010). *Proses Berpikir Siswa SMP Berdasarkan Adversity Quotient (AQ) dalam Menyelesaikan Masalah Matematika*. Disertasi. Surabaya: UNESA.
- Sugiyono. (2005). *Memahami penelitian kualitatif*. Bandung : Alfabeta.
- Sugiyono. (2008). *Metode penelitian pendidikan: (pendekatan kuantitatif, kualitatif dan R & D)*. Bandung : Alfabeta.
- Sugiyono. (2010). *Metode penelitian kuantitatif dan R&D*. Bandung : Alfabeta.
- Suh, J. M. (2020). Tying It All Together: Classroom Practices That Promote Mathematical Proficiency for All Students. *Teaching Children Mathematics*, 14(3), 163–169. <https://doi.org/10.5951/tcm.14.3.0163>
- Suherman, E., Turmudi, Suryadi, D., Herman, T., Suhendra, Prabawanto, S., Nurjanah, & Rohayati, A. (2001). *Strategi Pembelajaran Matematika Kontemporer*. Bandung : JICA-UPI.
- Sumarmo, U. (2010). *Berpikir Dan Disposisi Matematik: Apa, Mengapa, dan bagaimana dikembangkan pada peserta didik*. Bandung : FPMIPA UPI.
- Suparno, P. (2006). *Filsafat Konstruktivisme dalam Pendidikan*. Yogyakarta : Kanisius.
- Suriasumantri, J. S. (2017). *Filsafat Ilmu (Sebuah Pengantar Populer)*. Jakarta : Pustaka Sinar Harapan.
- Sutini. (2019). Kemampuan Metakognitif dan Komunikasi Matematis dalam Pemecahan Masalah Matematika. *Jurnal Review Pembelajaran Matematika*, 4(1), 32–47. <https://doi.org/10.15642/jrpm.2019.4.1.32-47>.
- Syukriani, A., Juniati, D., & Siswono, T. Y. E. (2017). Investigating adaptive reasoning and strategic competence: Difference male and female. *AIP Conference Proceedings* 1867, 020033. <https://doi.org/10.1063/1.4994436>.
- Todd, L. (1987). *An Introduction to Linguistics*. England: Longman.
- Trimahesri, I., & Hardini, A. T. A. (2019). Peningkatan Kemampuan Berpikir Kritis dan Hasil Belajar Pada Mata Pelajaran Matematika Menggunakan Model Realistic Mathematics Education. *Pendidikan Tambusai*, 2(2), 111–120.

- Wooldridge, B., & Haimen-Bartolf, M. (2006). The Field Dependence/Field Independence Learning Style; Implications for Adult Student Diversity Outcomes Assessment and Accountability. In *Learning Style and Learning: A Key to Meeting The Accountability Demands in Education*. New York: Nova Science Publishers.
- Wawan, A., & Dewi M. (2011). *Teori dan pengukuran pengetahuan sikap dan perilaku manusia : dilengkapi contoh kuesioner*. Yogyakarta: Nuha Medika.
- Weiten, W. (2013). *Psychology: Themes and Variations, Briefer Version* (9th ed.). USA : Wadsworth Publishing.
- Widjajanti, D. B. (2011). Mengembangkan kecakapan matematis mahasiswa calon guru matematika melalui strategi perkuliahan kolaboratif berbasis masalah. *Seminar Nasional Penelitian, Pendidikan Dan Penerapan MIPA*. Yogyakarta : FMIPA UNY.
- Yanti, A. W., Sutini, & Kurohman, T. (2020). Adaptive reasoning profile of students in solving mathematical problems viewed from field-dependent and field-independent cognitive style. *AIP Conference Proceedings*, 060035. <https://doi.org/10.1063/5.0000699>.
- Yousefi, M. (2011). Cognitive Style and EFL Learners' Listening Comprehension Ability. *Indonesian Journal of Applied Linguistics*, 1(1), 73–83. <https://doi.org/10.17509/ijal.v1i1.100>.