

DAFTAR PUSTAKA

- Afrizal. (2019). *Metode Penelitian Kualitatif*. Depok : Rajawali Press.
- Aini, N. N., & Mukhlis, M. (2020). Analisis Kemampuan Pemecahan Masalah Pada Soal Cerita Matematika Berdasarkan Teori Polya Ditinjau Dari Adversity Quotient. *Alifmatika: Jurnal Pendidikan Dan Pembelajaran Matematika*, 2(1), 105–128. <https://doi.org/10.35316/alifmatika.2020.v2i1.105-128>
- Akbar, G. A. M., Diniyah, A. N., Akbar, P., Nurjaman, A., & Bernard, M. (2018). View of Analisis Kemampuan Penalaran Dan Self Confidence Siswa SMA Dalam Materi Peluang. *Journal On Education*.
- Almira, A. (2014). Kemampuan penalaran dan komunikasi dalam pembelajaran matematika. *Logaritma*, 2(1): 18-33.
- Amanda, N., Nusantara, T., Malang Jalan Semarang No, N., Timur, J., & Penulis, K. (2020). Analisis Berpikir Kritis Siswa terhadap Pemecahan Masalah Matematika di MTs Surya Buana Malang. *Jurnal Pendidikan Matematika Dan Sains*, 8(2), 89–92. <https://doi.org/10.21831/jpms.v8i2.19660>
- Appulembang, O. D. (2015). Profil Pemecahan Masalah Aljabar Berpandu Pada Taksonomi Solo Ditinjau Dari Gaya Kognitif Konseptual Tempo Siswa Sma Negeri 1 Makale Tana Toraja. *Pascasarjana Universitas Negeri Makassar*.
- Ario, M. (2015). Penalaran Matematis Dan Mathematical Habits Of Mind Melalui Pembelajaran Berbasis Masalah Dan Penemuan Terbimbing. *Jurnal Ilmu Pendidikan Dan Pengajaran*, 2(1).
- Ario, M. (2016). Analisis Kemampuan Penalaran Matematis Siswa SMK Setelah Mengikuti Pembelajaran Berbasis Masalah. *Jurnal Ilmiah Edu Research*, 5(2).
- Ausubel, D. P. (1968). *Educational Psychology: a Cognitive View*. Holt, Rinehart and Winston.
- Baharullah, B., Wahyuddin, W., Usman, M. R., & Syam, N. (2022). Profil Kemampuan Pemecahan Masalah Matematika Siswa Ditinjau Dari Adversity Quotient (AQ). *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, 11(2), 1039. <https://doi.org/10.24127/ajpm.v11i2.4766>
- Baihaqi, A. (2020). Analisis Kemampuan Berpikir Kritis Matematis Ditinjau Dari Adversity Quotient. *Universitas Siliwangi*
- Bennu, S. (2012). Adversity Quotient: Kajian Kemungkinan Pengintegrasianya dalam Pembelajaran Matematika. *Aksioma Jurnal Pendidikan Matematika*, Vol 1, No 01 (2012). <http://jurnal.untad.ac.id/jurnal/index.php/AKSIOMA/article/view/1279>
- Chabibah, L. N., Siswanah, E., & Tsani, D. F. (2019). Analisis kemampuan pemecahan

- masalah siswa dalam menyelesaikan soal cerita barisan ditinjau dari adversity quotient. *PYTHAGORAS : Jurnal Pendidikan Matematika* , 14 (2), 2019 , 199-210
- Cohors-Fresenborg, E., & Kaune, C. (2007). *Modelling Classroom Discussion and Categorizing Discursive and Metavognitive Activities*
- Creswell, J. W. (2016). *Research Design Pendekatan Kualitatif, Kuantitatif, dan Mixed.* Pustaka Belajar.
- Dahar, R. W. (2018). *Teori-Teori Belajar & Pembelajaran.* Erlangga.
- Depdiknas. (2002). *Kurikulum Berbasis Kompetensi Mata Pelajaran Matematika.*
- Diana, N. (2018). Mengembangkan Kemampuan Berpikir Kreatif dan Berpikir Logis Mahasiswa dengan Adversity Quotient dalam Pemecahan Masalah. Prosiding SNMPP II Prodi Pendidikan Matematika Unswagati Cirebon
- Ervani, R. S. R., Susanto, Setiawan, T. B., Pambudi, D. S., & Monalisa, L. A. (2019). Penalaran Matematis Siswa binaan olimpiade dalam menyelesaikan soal olimpiade sains nasional matematika konten geometri. [UT-Faculty of Teacher Training and Education](#)
- Febrian, F., Astuti, P., & Antika, R. (2019). Pelatihan Pengembangan Media Videoscribe dengan Konteks Lokal dalam Mengajarkan Objek Matematika bagi MGMPSMA Kabupaten Bintan. *J-ABDIPAMAS (Jurnal Pengabdian Kepada Masyarakat)*, 3(2), 101. <https://doi.org/10.30734/j-abdipamas.v3i2.634>
- Frederick H, B. (1978). Teaching and Learning Mathematics (in Secondary Schools) (pp. 560012–560012). Wm, C. Brown Company Publisher.
- Garafalo, J., & Lester, F. K. (1985). Metacognition, Cognitive Monitoring, and Mathematical Performance. *Journal for Research in Mathematics Education.* <https://doi.org/10.2307/748391>
- Hadi, S., Retnawati, H., Munadi, S., Apino, E., & Wulandari, N. F. (2018). The difficulties of high school students insolving higher-order thinking skills problem. *Problems of Education in the 21st Century*, 76(4), 520-532.
- Halim, F. A., & Rasidah, N. I. (2019). Analisis Kesalahan Siswa dalam Menyelesaikan Soal Cerita Aritmatika Sosial Berdasarkan Prosedur Newman. *GAUSS: Jurnal Pendidikan Matematika*, 2(1), 35. <https://doi.org/10.30656/gauss.v2i1.1406>
- Handayani, I. (2018). The Influence Of The Open Ended Approach Against The Ability Of The Creative Thinking And Mathematical Communication Skills Of Students. *Jurnal Ilmu Pendidikan Ahlussunnah*
- Hermawan, A. S., & Hidayat, W. (2018). Meningkatkan Kemampuan Penalaran Matematik Siswa SMP Melalui Pendekatan Penemuan Terbimbing. *JPMI (Jurnal Pembelajaran Matematika Inovatif)*, 1(1), 7–12.

<https://doi.org/10.22460/jpmi.v1i3.219-228>

Hermawan, I. (2019). *Metodologi Penelitian Pendidikan.*

Hofifah, F., Styo Siskawati, F., Novita Irawati, T., & Islam Jember, U. (2023). Analisis Kemampuan Pemecahan Masalah Matematis Siswa SMK Ditinjau Dari Adversity Quotient. *Jurnal Edumath*, 9(1), 40–46.

Hulaikah, M., Degeng, I. N. S., Sulton, S., & Murwani, F. D. (2020). The Effect of Experiential Learning and Adversity Quotient on Problem Solving Ability. *International Journal of Instruction*, 13(1), 869–884. <https://doi.org/10.29333/iji.2020.13156a>

Indah, P., & Reni Nuraeni, dan. (2021). Perbandingan Kemampuan Penalaran Deduktif Matematis Melalui Model PBL dan IBL Berdasarkan KAM. 10(1). *Journal Institut Pendidikan*

Isnaeni, S., Fajriyah, L., Risky, E. S., Purwasih, R., & Hidayat, W. (2018). Analisis Kemampuan Penalaran Matematis dan Kemandirian Belajar Siswa SMP pada Materi Persamaan Garis Lurus. *Journal of Medives*.

Koenigstein, S., Hentschel, L. H., Heel, L. C., & Drinkorn, C. (2020). A game-based education approach for sustainable ocean development. *ICES Journal of Marine Science*, 77(5), 1629–1638. <https://doi.org/10.1093/icesjms/fsaa035>

Legowo, B., Kusharjanta, B., Sutomo, A. D., & Wahyuningsih, D. (2019). Increasing Competency 4C using The G-Suite Application for Education. *International Journal of Active Learning*, 4(2), 168–171.

Lester, F. K., Garafalo, J., & Kroll, D. L. (1989). *Self-Confidence, Interest, Beliefs, and Metacognition: Key Influences on Problem-Solving Behavior.* https://doi.org/10.1007/978-1-4612-3614-6_6

Li, L., Zhou, X., Huang, J., Tu, D., Gao, X., Yang, Z., & Li, M. (2020). Assessing kindergarteners' mathematics problem solving: The development of a cognitive diagnostic test. *Studies in Educational Evaluation*, 66(March). <https://doi.org/10.1016/j.stueduc.2020.100879>

Limustafa, M., & Awan, H. (2019). Analisis Kemampuan Berpikir Visual Ditinjau Dari Adversity Quotient. *Prosiding Seminar Nasional Lembaga Penelitian Dan Pendidikan (LPP) Mandala.*

Lithner, J. (2008). A research framework for creative and imitative reasoning. *Educational Studies Mathematics*. <https://doi.org/10.1007/S10649-007-9104-2>

Martín-Fernández, E., Ruiz-Hidalgo, J. F., & Rico, L. (2019). Meaning and understanding of school mathematical concepts by secondary students: The study of sine and cosine. *Eurasia Journal of Mathematics, Science and Technology Education*,

15(12). <https://doi.org/10.29333/ejmste/110490>

Masykur, R. (2019). Teori dan Telaah Pengembangan Kurikulum.

Maulyda, M. A. (2019). Paradigma Pembelajaran Matematika Berbasis NCTM Elementary School View project Development of Android Application for Primary Schools Students View project.

McMillan, J. H., & Schumacher, S. (2013). Research in Education - Evidence-Based Inquiry-Pearson

Miles, M. B., & Huberman, A. M. (1994). Qualitative Data Analysis.

Muliandari, P. T. V. (2019). Pengaruh Model Pembelajaran Kooperatif Tipe NHT (Numbered Head Together) Terhadap Hasil Belajar Matematika. *International Journal of Elementary Education*, 3, 132–140.

Mulyati, T. (2009). Pendekatan Konstruktivisme Dan Dampaknya Bagi Hasil Belajar Matematika Siswa SD. *EduHumaniora / Jurnal Pendidikan Dasar Kampus Cibiru*, 1(2).

Mustofa, I. (2017). Jendela Logika dalam Berfikir: Deduksi dan Induksi sebagai Dasar Penalaran Ilmiah Imron Mustofa.

Nalurita, B. R. (2019). Analisis Kemampuan Pemecahan Masalah Peserta Didik Ditinjau Dari Adversity Quotient (AQ) Melalui Problem Based Learning (PBL) Berbantuan E-Comic Math. *Tesis*.

Nashihah, D., Sulianto, J., Fita, M., & Untari, A. (2019). Klasifikasi Kemampuan Penalaran Matematis Siswa Kelas IV SD Negeri Tambakrejo 02 Semarang. *Indonesian Journal Of Educational Research and Review*, 2(2).

National Council of Teachers of Mathematics. (2000). Principles and Standards for school mathematics. Reston: VA:NCTM.

Nunes, T., & Bryant, P. 2020. *Learning and Teaching Mathematics, An International Perspective*. UK:Psychology Press.

Nurhanifah, N. (2019). Analisis Terhadap Kemampuan Pemecahan Masalah Matematis Siswa SMP Berdasarkan Adversity Quotient (AQ). *Universitas Pendidikan Indonesia*.

Oktaviana, V., & Aini, I. N. (2021). Deskripsi Kemampuan Penalaran Matematis Siswa SMP Pada Materi Aritmatika Sosial. *Delta: Jurnal Ilmiah Pendidikan Matematika*, 9(2), 157–168. <https://doi.org/10.31941/delta.v9i2.1334>

Parvathy, D. U., & M, P. (2014). Relationship between Adversity Quotient and Academic

Problems among Student Teachers. *IOSR Journal of Humanities and Social Science*, 19(11), 23–26. <https://doi.org/10.9790/0837-191172326>

Polya, G. (1973). How To Solve It A New Aspect Of Mathematical Method. *By Princeton University Press PT. Refika Aditama*

Puspitacandri, A. (2020). The effects of intelligence, emotional, spiritual and adversity quotient on the graduates quality in surabaya shipping polytechnic. *European Journal of Educational Research*, 9(3), 1075–1087. <https://doi.org/10.12973/EU-JER.9.3.1075>

Rahmi, D., Putra, M. A., & Kurniati, A. (2021). Analisis Kemampuan Pemecahan Masalah Matematis Berdasarkan Adversity Quotient (AQ) Siswa SMA. *Suska Journal of Mathematics Education*, 7(2), 85. <https://doi.org/10.24014/sjme.v7i2.13306>

Ramdani, Y. (2012). Pengembangan Instrumen Dan Bahan Ajar Untuk Meningkatkan Kemampuan Komunikasi, Penalaran, Dan Koneksi Matematis Dalam Konsep Integral.

Rukin. (2019). Metodologi Penelitian Kualitatif.

Ruslan, A. ., & Santoso, B. (2013). Pengaruh Pemberian Soal Open-Ended Terhadap Kemampuan Penalaran Matematis Siswa. *Kreano:Jurnal Matematika Kreatif-Inovatif*.

Schoenfeld, A. H. (1985). *Mathematical Problem Solving*.

Schoenfeld, A. H. (1987). Pólya, Problem Solving, and Education. *Mathematics Magazine*, 60(5), 283–291. <https://doi.org/10.1080/0025570x.1987.11977325>

Septian, A., Widodo, S. A., Afifah, I. N., Nisa, D. Z., Putri, N. P. K., Tyas, M. D., Nisa, R. H., & Andriani, A. (2022). Mathematical Problem Solving Ability in Indonesia. *Journal of Instructional Mathematics*, 3(1), 16–25. <https://doi.org/10.37640/jim.v3i1.1223>

Shodiqin, A., Sukestiyarno, Wardono, Isnarto, & Utomo, P. . (2020). Profil Pemecahan Masalah Menurut Krulik Dan Rudnick Ditinjau Dari Kemampuan Wolfram Mathematica. *Seminar Nasional Pascasarjana*.

Soleh, N., Rochmad, & Supriyono. (2014). Kemampuan penalaran deduktif siswa kelas VII pada pembelajaran model-eliciting activities. *Unnes Journal of Mathematics Education*, 3 (1),35- 40.

Skemp, R. R. (1987). The Psychology of Learning Mathematics. *Erlbaum Associates*.

Stoltz, P. G. (1997). Adversity Quotient: Turning Obstacles into opportunities. *John Wiley & Sons*.

- Stoltz, P. G. (2007). *Adversity Quotient:Mengubah Hambatan Menjadi Peluang*. Jakarta:PT.Gramedia
- Sugiyono. (2010). *Metode Penelitian Pendidikan*. Bandung:Alfabeta
- Sugiyono. (2020). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Alfabeta.
- Sulfriani, Ikram, M., & Jumarniati. (2021). Analisis kesalahan konstruksi siswa dalam menyelesaikan masalah fungsi invers. *Pedagogi*, 6, 102–116. <https://www.e-journal.my.id/pedagogy/article/view/1619>
- Sumarmo, U., & Permana, Y. (2013). Mengembangkan Kemampuan Penalaran dan Koneksi Matematik Siswa SMA Melalui Pembelajaran Berbasis Masalah. *Jurnal Educationist*
- Sumarmo, U. (2016). Pedoman Pemberian Skor Pada Beragam Tes Kemampuan Matematika. Bandung:STKIP Siliwangi, 6-7
- Sunandar, M. A., Dwidayati, N. K., & Zaenuri. (2018). Mathematical Mathematical Problem Solving Ability Of Vocational School Students On Problem Based Learning Model Nuanced Ethnomatematics Reviewed From Adversity Quotient. *Unnes Journal of Mathematics Education Research*, 7(1), 1–8
- Suryadi, B., & Santoso, T. I. (2017). Self-Efficacy, Adversity Quotient, and Students' Achievement in Mathematics. *International Education Studies*, 10(10), 12. <https://doi.org/10.5539/ies.v10n10p12>
- Suryaningrum, C. W. (2020). Semiotic reasoning emerges in constructing properties of a rectangle: A study of adversity quotient. *Journal on Mathematics Education*, 11(1), 95–110. <https://doi.org/10.22342/jme.11.1.9766.95-110>
- Syamsuri, Marethi, I., & Mutaqin, A. (2018). Understanding on Strategies of Teaching Mathematical Proof for Undergraduate Students. *Jurnal Cakrawala Pendidikan*, 37(2), 282–293. <https://doi.org/10.21831/cp.v37i2.19091>
- Tambychik, T., & Meerah, T. S. M. (2010). Students' difficulties in mathematics problem-solving: What do they say? *Procedia - Social and Behavioral Sciences*, 8, 142–151. <https://doi.org/10.1016/j.sbspro.2010.12.020>
- Tayraukham, S., Pangma, R., & Nuangchaler, P. (2009). Causal Factors Influencing Adversity Quotient of Twelfth Grade and Third-Year Vocational Students. *Journal of Social Sciences*, 5(4), 466–470.
- Van de Walle, J. A., Karp, K. S., & Bay-Williams, J. M. (2007). Elementary and middle school mathematics: Teaching developmentally.
- Wahyuni, G., Mujib, A., & Zahari, C. L. (2022). Analisis Kemampuan Berpikir Visual Ditinjau Dari Adversity Quotient. *JUPE:Jurnal Pendidikan Mandala*.

- Waluya, B., Rochmad, Kartono, & Winarti, E. R. (2019). Pemecahan Masalah dan Pembelajarannya dalam Matematika. *PRISMA*, 2, 389–394.
- Widodo, S. A., Darhim, D. and Ikhwanudin, T. (2018) ‘Improving mathematical problem solving skills through visual media’, *Journal of Physics: Conference Series*, 948(1). doi: 10.1088/1742-6596/948/1/012004.
- Woo, H. Y., & Song, J. H. (2015). The factors affecting the adversity quotient of nurses and office workers. *International Journal of Bio-Science and Bio-Technology*, 7(5), 1–10. <https://doi.org/10.14257/ijbsbt.2015.7.5.01>
- Yusdiana, B. I., Hidayat, W., Siliwangi, I., Terusan, J., Sudirman, J., Cimahi, J., & Barat, I. (2018). Analisis Kemampuan Penalaran Matematis Siswa SMA Pada Materi Limit Fungsi. *Jurnal Pembelajaran Matematika Inovatif*, 1(3). <https://doi.org/10.22460/jpmi.v1i3.409-414>
- Yustiana, Y., Kusmayadi, T. A., & Fitriana, L. (2021). Mathematical problem solving ability of vocational high school students based on adversity quotient. *Journal of Physics: Conference Series*, 1806(1). <https://doi.org/10.1088/1742-6596/1806/1/012092>