

DAFTAR PUSTAKA

- Aisyah, M., Sumintono, B., & Ismail, Z., (2014). Pemahaman Siswa pada Pokok Bahasan Peluang: Studi Kasus di Satu Sekolah di Johor Bahru Malaysia. *Jurnal Pengajaran MIPA*, 19(1). 19 – 18.
- Arifin. (2011). *Evaluasi Pembelajaran*. Bandung: Remaja Rosdakarya.
- Arikunto, S. (2011). *Dasar-dasar Evaluasi Pendidikan (Edisi Revisi)*. Jakarta: Bumi Aksara.
- Arter, J. (2001). *Scoring Rubrics in The Classroom: Using Performance Criteria for Assesing and Improving Student Performance*. London: Corwing Press, Inc.
- Azwar, S. (1995). *Sikap Manusia: Teori dan Pengukurannya*. Yogyakarta: Pustaka Pelajar
- Azwar, S. (2012). *Penyusunan Skala Psikologi*. Yogyakarta: Pustaka Pelajar.
- Batanero, C., Henry, dan Parzysz. (2005). *The Nature of Chance and Probability*. In Graham, A. Jones (eds), *Exploring Probability in School: Chalenges for teaching and learning*, 241 - 266.
- Batanero, C., Godino, J. D., Vallecillos, A., Green, D. R. & Holmes, P. (2001) . Errors and Difficulties in Understanding Elementary Statistical Concepts. *International Journal of Mathematics Education in Science and Technology*, 25(4), 527-547.
- Batanero, C., & Sanchez, E. (2005). What Is The Nature of High School Students Conceptions and Misconceptions about Probability. In Graham, A. Jones (ed), *Exploring Probability in School: Chalenges for teaching and learning*, 241 - 266.
- Bishop, A.J. (1988). The interactions of Mathematics Education with Culture. *Cultural Dynamics*; 1; 145 DOI; 10.1177/092137408800100202
- Borovcnik, M. (2012). Multiple Perspectives on The Concept of Conditional Probability. *Avances de Investigación en Educación Matemática*, 2. 5-27.
- Borovcnik, M., & Kapadia, R. (2010). Research and Developments in Probability Education Internationally. In Joubert, M. and Andrews, P. (Eds.) *Proceedings of the British Congress for Mathematics Education*.
- Brousseau, G. (2002). *Theory of Didactical Situation in Mathematics*. Dordrecht: Kluwer Academic Publishers.

- Castro, C. S., (1998) Teaching Probability for Conceptual Change. *Educational Studies in Mathematics*, 35, 233–254.
- Clements, D. H. and Sarama, J. (2004). Learning Trajectories in mathematics Education. *Mathematical Thinking and Learning* 6 (2), 81-89.
- Clements, D. H. and Sarama, J. (2009). *Learning and Teaching Early Math: The Learning Trajectories Approach*. New York: Routledge.
- Creswell, J. (2014). *Research Design Pendekatan Kualitatif, Kuantitatif, dan Mixed*. Yogyakarta: Pustaka Pelajar.
- Dayat, & Limbong. (2007). *Analisis Kesulitan Belajar Peluang*. Bandung. Makalah penelitian di STKIP Siliwangi. Tidak Diterbitkan.
- Dewantara, H. (1977). *Pendidikan*. Yogyakarta: Majelis Luhur Persatuan Taman siswa.
- Empson, B. S. (2011). On The Idea of Learning Trajectory: Promises And Pitfalls. *The Mathematics Anthusiast*, ISSN 1551-3440, 8 (3).
- Endraswara, S. (2015). *Etnologi Jawa: Penelitian, Perbandingan, dan Pemaknaan Budaya*. Yogyakarta: Center for Academic Publishing Service.
- Garfield, J. & Ahlgren, A. (1988). Difficulties in Learning Basic Concepts in Probability and Statistics: Implications for Research. *Journal for Research in Mathematics Education*, 19, 44-63.
- Garfield, J., & Ahlgren, A. (1986). *Difficulties in Learning Probability and Statistics*. Prosiding in International Conference on Teaching Statistics 2.
- Gyantra, R. (2015). *Perbandingan Kemampuan Representasi dan Pemecahan Masalah Matematika antara Siswa yang Mendapat Pembelajaran Berbasis Masalah dengan Siswa yang Mendapat Pembelajaran Penemuan Terbimbing*. Bandung. Tesis di jurusan pendidikan matematika UPI. Tidak Diterbitkan.
- Glencross, M. J. (1998). Understanding of Chance and probability Concepts Among First Year University Students. In L. Pereira-Mendoza, L. S. Kea, T. W. Kee, & W. K. Wong (Eds.), *Proceedings of The Fifth International Conference on Teaching Statistics* (Vol. 3, pp. 1091-1095).
- Gunawan, & Wibowo, A. (2015). *Pendidikan Karakter Berbasis Kearifan Lokal di Sekolah: Konsep, Strategi, dan Implementasi*. Yogyakarta : Pustaka Pelajar
- Green, D. R. (1979). The Chance and Probability Concepts Project. *Teaching Statistics*, 1(3), 66-71.

- Hansen, R. S., McCann, J., & Myers, J. L. (1985). Rote Versus Conceptual Emphases in Teaching Elementary Probability. *Journal for Research in Mathematics Education*, 16, 364-374.
- Hawkins, A., Joliffe, E., & Glickman, L. (1992). *Teaching Statistical Concepts*. London: Longman.
- Hercovics, N. (1989). Cognitive Obstacles Encountered in The Learning of Algebra. In S. Wagner and C. Kieran (Eds.), *Research Issues in The Learning and Teaching of Algebra*. Reston, V: Lawrence Erlbaum for NCTM. (pp 60 - 86)
- Heryanto, N., & Gantini, T. (2011). *Pengantar Statistika Matematis*. Bandung : Yrama Widya.
- Husna, M. (2009). *100+ Permainan Tradisional Indonesia: untuk Kreativitas, Ketangkasan, dan Keakraban*. Yogyakarta: Penerbit Andi.
- Irzani. (2008). Pengembangan Tes Diagnostik Kesulitan Belajar Matematika di SMA.
- Isnendes, R. (2014). Estetika Sunda Sebagai Bentuk Kearifan Lokal Masyarakat Sunda Tradisional dalam Sawangan Pendidikan Karakter. *Jurnal Ilmu Pendidikan dan Pengajaran*, 1(2).
- Jauhari, J. (2010). *Mengenal Permainan Rakyat Nusantara*. Jakarta: Trans Mandiri Abadi.
- Jones, Graham. (2008). The Challenges of Teaching Probability in School. In Graham, A. Jones (eds), *Exploring Probability in School: Challenges for Teaching and Learning*.
- Kapadia, R. (1985). A Brief Survey of Research on Probabilistic Notions. In A. Bell, B. Low, & J. Kilpatrick (Eds.), *Theory, Research And Practice In Mathematical Education* (pp. 261-265). Nottingham, UK : Shell Centre for Mathematical Education.
- Kanginan, M. (2014). *Matematika untuk SMA-MA Kelas XI Kelompok Wajib Semester 2*. Bandung: Graffindo.
- Kansanen, P. (2003). Studying The Realistic Bridge Between Instruction and Learning. An Attempt to a Conceptual Whole of the Teaching-Studying-Learning Process. *Educational Studies*, 29(2/3), 221-232.
- Kasim, S. (2012). *Budaya Dermayu: Nilai-nilai Historis, Estetis dan Transendental*. Yogyakarta: Gapura Publishing.
- Kemendikbud. (2013). Kurikulum 2013.
- Kemendikbud. (2016). Kurikulum 2016.

- Lampiran Undang-undang No 20 tahun 2003
- Lampiran Peraturan Menteri Pendidikan Nasional 2007 Nomor 41 Tahun 2007 tentang Standar Proses
- Larsen, R. J., & Marx, M. L., (2012). *An Introduction to Mathematical Statistics and Its Applications: Fifth Edition*. Library of Congress Cataloging-in-Publication Data
- Li, J., & Mendoza, L.P. (2002). *Misconceptions in Probability*. Prosiding in International Conference on Teaching Statistics 6.
- Manno, G. (2005). *Embodiment and A-didactical Situation in The Teaching-Learning of The Perpendicular Straigh Lines Concept*. Palermo. Thesis of Doctoral.
- Moleong, L. 2015. *Metodologi Penelitian Kualitatif*. Bandung: Rosda Karya.
- Moru, E.K. (2006). *Epistemological Obstacles in Coming to Understand the Limit Concept at Undergraduate Level: A Case of the National University of Lesotho*. Lesotho. Thesis of Doctoral.
- Moru, E.K. (2007). *Talking with the Literature on Epistemological Obstacles For the Learning of Mathematics*. Canada. FLM Publishing Association.
- Mulyana, E. (2010). *Kapita Selekta Matematika I*. Bandung: Pendidikan Matematika FPMIPA Universitas Pendidikan Indonesia.
- Neill, A. (2000). *An Introduction to the Assesment Reseource Banks (Arbs) and their Diagnostic Potential*. Paper presented at Technology in Mathematics Education (TIME 2000)
- Paul, M., & Hlanganipai, N. (2014). The Nature of Misconceptions and Cognitive Obstacles Faced by Secondary School Mathematics Students in Understanding Probability: A Case Study of Selected Polokwane Secondary Schools. *Mediterranean Journal of Social Sciences: MCSEER Publishing, Rome-Italy*, 5(8) 446 – 455.
- Rachmawati, I. (2012). *Eksplorasi Etnomatematika Masyarakat Sidoarjo*. Jurnal pendidikan matematika Universitas Negeri Surabaya.
- Rosidi, A. (2011). *Kearifan Lokal dalam Perspektif Budaya Sunda*. Bandung: Kiblat Buku Utama.
- Ruseffendi, E. T. (1984). *Pengantar kepada Membantu Guru Mengembangkan Kompetensinya dalam Pengajaran Matematika untuk Meningkatkan CBSA*. Bandung: Tarsito

- Ruseffendi, E. T. (2006). *Pengantar kepada Membantu Guru Mengembangkan Kompetensinya dalam Pengajaran Matematika untuk Meningkatkan CBSA*. Bandung: Tarsito
- Ruthven, K., dkk. (2009). Design Tools in Didactical Research: Instrumenting The Epistemological an Cognitive Aspects of The Design on Teaching Sequences. *Educational Researcher*, 38(5), pp. 329-342.
- Saputri, M.E. (2015). *Pengaruh Pembelajaran Peer Lesson terhadap Kecemasan Matematika dan Peningkatan Kemampuan Pemecahan Masalah serta Representasi Matematis Siswa SMA*. Bandung. Tesis di jurusan pendidikan matematika UPI. Tidak Diterbitkan.
- Shao, X. (2015). *An Analysis of Difficulties in Learning Probability in High School*. Philippines. 7th ICMI-East Asia Regional Conference on Mathematics education.
- Simon, M. (1995). Reconstructing Mathematics Pedagogy From A Constructivist Perspective. *Journal For Research In Mathematics Eduacation* 26(2). 144-145.
- Simon, M. Dan Tzur, R. (2004). Explicating The Role of Tasks in Conceptual Learning: An elaboration of hypothetical learning trajectory. *Mathematical Thinking And Learning*. 6(2), 91-104.
- Sina, I. (2011). Implementasi Model Pembelajaran Role Playing Didasari Analisis SWOT Pada Materi Peluang: Penelitian Tindakan Kelas Pada Kelas XI SMA N 1 Wanasari. *Jurnal Cakrawala*, 6(10), 1 – 9.
- Sinaga, et. al. (2014). *Matematika untuk SMA/MA Kelas X Semester 2*. Jakarta: Kementerian Pendidikan dan Kebudayaan Republik Indonesia.
- Sinaga, et. al. (2014). *Matematika untuk SMA/MA Kelas XI Semester 2*. Jakarta: Kementerian Pendidikan dan Kebudayaan Republik Indonesia.
- Steinbring, H. (1991). The Theoretical Nature of Probability in The Classroom. In R.Kapadia & M. Borovcnik (Eds.), *Chance Encounters: Probability in Education* (pp. 135-1 68). Amsterdam, The Netherlands: Kluwer.
- Suherman, E. (2003). *Evaluasi Pembelajaran Matematika*. Bandung: FPMIPA UPI.
- Suherman, E., dkk. (2003). *Strategi Pembelajaran Matematika Kontemporer*. Bandung: JICA.
- Sugiyono. (2013). *Memahami Penelitian Kualitatif*. Bandung: Alfabeta.
- Sukino. (2014). *Matematika untuk SMA/MA Kelas XI Kelompok Wajib Semester 2*. Jakarta: Erlangga.

- Suryadi, D. (2010). *Menciptakan Proses Belajar Aktif: Kajian dari Sudut Pandang Teori Belajar dan Teori Didaktik*. Makalah disajikan pada Seminar Nasional Pendidikan Matematika di UNP.
- Suryadi, D. (2010). *Metapedadidaktik dan Didactical Design Research (DDR): Sintesis Hasil Pemikiran Berdasarkan Lesson Study*. Dalam T. Hidayat, I.Kaniawati, I. Suwarma, A. Setiabudi, and Suhendra (Eds): *Teori, paradigma, prinsip dan pendekatan pembelajaran MIPA dalam konteks Indonesia*. Bandung: FPMIPA UPI.
- Suryadi, D. (2012). *Membangun Budaya Baru dalam Bepikir Matematika*. Bandung: Rizqi Press.
- Suryadi, D. (2013). *Didactical Design Research (DDR) dalam pengembangan Pembelajaran Matematika*. Prosiding Seminar Nasional Matematika dan Pendidikan Matematika STKIP Siliwangi Bandung.
- Suryadi, D. (2014). *Sinergi untuk Kemandirian Pendidik*. Dalam D. Suryadi, dan T.Suratno (Eds.), *Kisah Pendidik Reflektif dan Profesional Pembelajaran*. Bandung: Sekolah Pascasarjana UPI.
- Suryadi, D. (2016). *Didactical Design Research (DDR) : Upaya Membangun Kemandirian Berpikir melalui Penelitian Pembelajaran*. Dalam D. Suryadi, E.Mulyana, T.Suratno, D.A.K Dewi, dan S.Y.Maudy (Eds.), *Monograf Didactical Design Reserach*. Bandung: Rizqi Press.
- Tilaar H.A.R (2013). *Perubahan Sosial dan Pendidikan: Pengantar Pedagogik Transformatif Untuk Indonesia*. Jakarta: Rineka cipta.
- Turmudi. (2009). *Landasan Filsafat dan Teoritis Pembelajaran Matematika Berparadigma Eksploratif dan Investigatif*. Jakarta: Leuseur Cita Pustaka.
- Turmudi. (2010). *Pembelajaran Matematika Masa Kini dan Kecenderungan Masa Mendatang*. Bandung: JICA.
- Wahyudin. (2008). *Pembelajaran dan Model-model Pembelajaran: Pelengkap untuk Meningkatkan Kompetensi Pedagogis Para Guru dan Calon Guru Profesional*. Bandung: FPMIPA UPI.
- Watson, J., & Collis, K. (1994). *Multimodal Functioning in Understanding Chance and Data Concepts*. In J.P. da Ponte & J.F. Matos (Eds.), *Proceedings of the 18th Conference of the International Group for the Psychology of Mathematics Education*: 4,369-376. Lisbon, Portugal.
- Wilson, P. H., Mojica, G. F. Dan Confrey, J. 2013 *Learning Trajectories In Teacher Education: Supporting Teachers' Understandings Of Students' Mathematical Thinking*. *Journal Of Mathematical Behavior* 32. Hlm. 103-121.

Yuniarti, T. (2014). Desain Didaktis Teori Peluang SMA. *Jurnal Pendidikan MIPA*, 15(1).