

DAFTAR PUSTAKA

- Ausubel, David P. (1960). The Use of Advanced Organizer in The Learning And Retention of Meaningful Verbal Material. *Journal of Educational Psychology*, 51, hlm. 267-272.
- Barnett, R. A. (2010). *College algebra with trigonometry*. McGraw Hill Higher Education.
- Bossé, M. J., & Nandakumar, N. R. (2005). The factorability of quadratics: motivation for more techniques. *Teaching Mathematics and its Applications*, 24(4), 143-153.
- Brousseau, G. (1997). *Theory of Didactical Situations in Mathematics*. New York: Kluwer Academic Publisher.
- Bruner, J. (1977). *The Process of Education*. Cambridge: Harvard University Press.
- Clements, D. H. & Sarama, J. (2009). *Learning and Teaching Early Math: The Learning Trajectories Approach*. New York: Routledge.
- De Lima, R. N., & Tall, D. (2008). Procedural embodiment and magic in linear equations. *Educational Studies in Mathematics*, 67(1), 3-18.
- Didiș, M. G., Baș, S., & Erbaş, A. (2011). Students' reasoning in quadratic equations with one unknown. In *The Seventh Congress of the European Society for Research in Mathematics Education (CERME-7)* (pp. 479-489).
- Ellis, A. B., & Grinstead, P. (2008). Hidden lessons: How a focus on slope-like properties of quadratic functions encouraged unexpected generalizations. *The Journal of Mathematical Behavior*.
- Fachrudin, A. D. (2015). Pendekatan Geometri Untuk Membangun Konsep Penyelesaian Persamaan Kuadrat Berdasarkan Perspektif Sejarah. *Jurnal Edukasi*, 1(2).
- French, D. (2002). *Teaching and learning algebra*. A&C Black.
- Hercovics, N. (1989). The Description and Analysis of Mathematical Processes. Dalam C.A. Maher, G. A. Godin, & R. B. Davis (Editor), *Proceeding of the Eleventh Annual Meeting North American Chapter of the International Group for the Psychology of Mathematics Education*. New Jersey: Center for Mathematics, Science, and Computer Education Rutgers.
- Isman, A. (2011). *Instructional Design In Education: New Model*. The Turkish Online Journal of Educational Technology, volume 10 Issue 1.
- Kieran, C. (1979). Children's Operational Thinking Within The Context Of Bracketing And The Order Of Operations. In D Tall (Ed). *Proceeding of*

The Third International Conference For The Psychology of Mathematics Education. Coventry England: Mathematics Education research centre, Warwick University.

- Kislenko, K., Breiteig, T. & Grevholm, B. (2005). Beliefs and attitude in mathematics teaching and learning.
- Kotsopoulos, D. (2007). Unraveling student challenges with quadratics: A cognitive approach. *Australian Mathematics Teacher*.
- Kunandar. (2014). *Penilaian Autentik (Penilaian Hasil Belajar Peserta Didik Berdasarkan Kurikulum 2013)*. Jakarta: PT Raja Grafindo Persada.
- Matic, L. J. (2014). Mathematical knowledge of non-mathematics students and their beliefs about mathematics. *Mathematics education*.
- Maudy, S. Y., Suryadi, D., & Mulyana, E. (2017, August). Contextualizing symbol, symbolizing context. In *AIP Conference Proceedings* (Vol. 1868, No. 1, p. 050029). AIP Publishing.
- NCTM. (2000). *Principle and Standars for School Mathematics*. United States: NCTM.
- Setiawan, A. (2008). *Pembelajaran Berbasis Masalah untuk Meningkatkan Kemampuan Komunikasi dan Pemecahan Masalah Matematik Siswa Sekolah Menengah Pertama*. Tesis SPs UPI Bandung: tidak diterbitkan.
- Shadiq, F. (2007). *Inovasi Pembelajaran Matematika Dalam Rangka Menyongsong Sertifikasi Guru Dan Persaingan Global*. Makalah pada Seminar dan Lokakarya Pembelajaran Matematika P4tk (PPPG) Matematika, tidak diterbitkan.
- Suherman, E. (2010). *Strategi Pembelajaran Matematika Kontemporer*. Bandung: Universitas Pendidikan Indonesia.
- Sullivan, M. (2012). *Algebra & Trigonometry*. Prentice Hall.
- Suratno, T. & Suryadi, D. (2013). *Metapedadidaktik dan Didactical Design Research (DDR) dalam Implementasi Kurikulum Praktik Lesson Study*. Hand-out Seminar. Surabaya: tidak diterbitkan.
- Suryadi, D. (2010). *Metapedadidaktik dan Didactical Design Research (DDR): Sintesis Hasil Pemikiran Berdasarkan Lesson Study*, dalam Teori, Paradigma, Prinsip, dan Pendekatan Pembelajaran MIPA dalam Konteks Indonesia. Bandung: FPMIPA UPI.
- Suryadi, D. (2011). Didactical Design Research (DDR) dalam pengembangan pembelajaran matematika. Makalah Disajikan Pada Joint-Conference UPI-UiTM.
- Suryadi, D. (2013). Didactical design research (DDR) to improve the teaching of mathematics. *Far East Journal of Mathematical Education*, 10(1), 91-107.

- Vaiyavutjamai, P., & Clements, M. K. (2006). Effects of classroom instruction on students' understanding of quadratic equations. *Mathematics Education Research Journal*, 18(1), 47-77.
- Vygotsky, L. S. (1978). *Mind in Society*. Cambridge: Harvard University Press.
- Wheeler, D. (1996). Backwards and forwards: Reflections on different approaches to algebra. In *Approaches to algebra* (pp. 317-325). Springer, Dordrecht.
- Zakaria, E. (2010). Analysis of Students' Error in Learning of Quadratic Equations. *International Education Studies*, 3(3), 105-110.