

DAFTAR PUSTAKA

- Baser, M. (2006). *Fostering Conceptual Change by Cognitive Conflict Based Instruction on Students' Understanding of Heat and Temperature Concepts*. [Online]. Tersedia : <http://www.ejmste.com> [11 November 2009]
- Davis, J. (2001). *Conceptual Change*. [Online]. Tersedia : [http:// projects. coe. uga.edu/epltt/index.php?](http://projects.coe.uga.edu/epltt/index.php?) [11 November 2009]
- Fujii, T. (2003). *Probing Student's Understanding of Variables Through Cognitive Conflict Problem. Is the Concept of a Variable so Difficult for Student to Understand ?* [Online]. Tersedia : [http:// onlinedb.terc.edu/PME2003/ PDF/Plen5fujii.pdf](http://onlinedb.terc.edu/PME2003/PDF/Plen5fujii.pdf) [26 Pebruari 2010]
- Fraser, D.(2007). *Using Cognitive Conflict to Promote a Structural Understanding of Grade 11 Algebra*. [Online]. Tersedia <http://ir.lib.sfu.ca/handle/1892/9437> [1 Desember 2010]
- Huggins, B., & Maiste, T.(1999). *Communication in Mathematics*. Master's Action Research Project, St. Xavier University & IRI/Skylight.
- Ismaimuza, D. (2010). *Kemampuan Berpikir Kritis dan Kreatif Matematis Siswa SMP melalui Pembelajaran Berbasis Masalah dengan Strategi Konflik Kognitif*. SPS UPI. Disertasi tidak diterbitkan
- Kirschner, PA., Sweller, J. & Clark, RE. (2006). *Why Minimal Guidance During Instruction Does Not Work: An Analysis of the Failure of Constructivist, Discovery, Problem-Based, Experiential, and Inquiry-Based Teaching*. *Educational Psychologist*, 41(2),75–86 Lawrence Erlbaum Associates, Inc.
- Lee, G & Kwon, J. (2001). *What Do We Know about Students' Cognitive Conflict in Science Classroom : A Theoretical Model of Cognitive Conflict Process*. [Online] Tersedia: <http://www.eric.ed.gov/ERICWebPortal> [18 Mei 2010]
- Lee, G., Kwon, J., Park, SS., Kim, JW., Kwon, HG. & Park, HK. (2003). *Development of an Instrument for Measuring Cognitive Conflict in Secondary-Science Classes*. [Online]. Tersedia : [http:// www.rhodes.aegean.gr/ptde/labs/lab-fe/downloads/articles/cognitive_ conflict.pdf](http://www.rhodes.aegean.gr/ptde/labs/lab-fe/downloads/articles/cognitive_conflict.pdf) [20 April 2010]
- Limón, M. (2001). *On the Cognitive Conflict as an Instructional Strategy Conceptual Change: a Critica Appraisal*.
- NCTM. (1989). *Curriculum and Evaluation Standard for School Mathematics*. Reston, VA: National Council of Teachers of Mathematics

- Oregon Department of Education. (1991). In Stenmark, Jean, *Mathematics Assessment: Myths, Models, Good Questions and Practical Suggestions*. Reston, VA: National Council of Teachers of Mathematics
- Osman, R., Abu Bakar, S. & Wan Jaafar, W.N. (2009). *Strategi Penyelesaian Masalah yang Melibatkan Fungsi Linear di Kalangan Pelajar Diploma : Satu Kajian Kes*. [Online]. Tersedia : <http://www.scribd.com/doc/13414816/> [22 Mei 2011]
- Pathare, S & Pradhan, H.C. (2004). *Students' Alternative Conceptions in Pressure Heat and Temperature*. [Online]. Tersedia : http://www.hbcse.tifr.res.in/episteme/episteme-1/allabs/shirish_abs.pdf [20 April 2010]
- Pegg, J. & Tall, D. (2005). *The Fundamental Cycle of Concept Construction Underlying Various Theoretical Frameworks*. [Online]. Tersedia : www.warwick.ac.uk/Staff/David.Tall/pdfs/dot2005h-zdm-pegg-tall.pdf [11 Pebruari 2011]
- Piaget, J. (1952). *The Origins of Intelligence in Children*. New York : International Universities Press, Inc.
- Pranoto, I., Muchlis, A. & Ansjar, M. (2011). *Ringkasan Eksekutif-Program Matematika Sekolah Indonesia*. Draft 5. Pdf.
- Qohar, A. (2010). *Mengembangkan Kemampuan Pemahaman, Koneksi dan Komunikasi Matematis serta Kemandirian Belajar Matematika Siswa SMP melalui Reciprocal Teaching*. SPS UPI. Disertasi tidak diterbitkan
- Rolka, K., Rosken B. & Liljedahl P. (2007). *The Role of Cognitive Conflict in Belief Changes*. [Online]. Tersedia: <http://www.emis.de/proceedings/PME31/4/120.pdf> [11 November 2009]
- Santi, G. & Sbaragli, S. (2008). *Misconceptions and Semiotics : a comparison*. [Online]. Tersedia : <http://www.dm.unibo.it/rsddm/it/articoli/sbaragli/2008Cipro> [1 April 2010]
- Santrock, JW. (2008). *Psikologi Pendidikan*, edisi kedua. Jakarta: Kencana.
- Sela, H. & Zaslavsky, O. (2007). *Resolving Conflict Cognitive with Peers – Is There a Difference between Two and Four ?* [Online]. Tersedia : <http://www.emis.de/proceedings/PME31/4/168.pdf> [26 Pebruari 2010]
- Sela, H. (2008). *Coping with Mathematical Contradictions with Peers*. [Online]. Tersedia : <http://tsg.icme11.org/document/get/632> [28 Pebruari 2010]

- Siegel, S. & Castellan, N.J., Jr. (1988). *Nonparametric Statistics for The Behavioral Sciences*. New York: McGraw-Hill Book Company
- Skemp, R.R. (1976). *Relational Understanding and Instrumental Understanding. Mathematics Teaching*. 77, 20-26. [Online]. Tersedia : <http://math.coe.uga.edu/olive/EMAT3500f08/instrumental-relational.pdf> [30 November 2010]
- Slavin, R.E. (2008). *Psikologi Pendidikan Teori dan Praktek*. Jakarta: PT Indeks
- Slavin, R.E. (2009). *Cooperative Learning*. Bandung: Nusa Media
- Snyder, S.S. (2006). *Cooperative Learning Groups in the Middle School Mathematics Classroom*. [online] Tersedia : <http://digitalcommons.unl.edu/mathmidactionresearch/> [6 Januari 2011]
- Stylianides, A.J. & Stylianides G.J. (2008). *Cognitive Conflict as a Mechanism for Supporting Developmental Progressions in Students, Knowledge about Proof*. [Online]. Tersedia : <http://tsg.icme11.org/document/get/283> [21 Januari 2010]
- Sumarmo, U. (2000). *Pengembangan Model Pembelajaran Matematika untuk Meningkatkan Kemampuan Intelektual Tingkat Tinggi Siswa Sekolah Dasar*. Laporan Penelitian FMIPA UPI. Tidak diterbitkan
- Tall, D. (1977). *Cognitive Conflict and the Learning of Mathematics*. [Online] Tersedia : <http://www.warwick.ac.uk/staff/David.Tall/pdfs/dot1977a-cog-conf1-pme.pdf> [21 Januari 2010]
- Toka, Y. & Askar, P. (2002). *The Effect of Cognitive Conflict and Conceptual Change Text on Students' Achievement Related to First Degree Equations with One Unknown*. [Online]. Tersedia : <http://www.efdergi.hacettepe.edu.tr/journalinfo/23/a26.htm> [15 Oktober 2009]
- Vygotsky, L. (1978). *Mind in Society: The Development of Higher Mental Processes*. Cambridge: Harvard University Press
- Wahyudin. (2007). *Aplikasi Statistika dalam Penelitian*. Bandung: Belum dipublikasikan
- Watson, JM. (2002). *Creating Cognitive Conflict a Controlled Research Setting : Sampling*. [Online]. Tersedia : http://www.stat.auckland.ac.nz/~iase/publications/1/6a1_wats.pdf [28 Pebruari 2010]

Zazkis, R. & Chernoff, E. (2006). *Cognitive Conflict and its Resolution via Pivotal/Bridging Example*. [Online]. Tersedia : [http:// www.emis.de/proceedings /PME30/5/465.pdf](http://www.emis.de/proceedings/PME30/5/465.pdf) [20 Januari 2010]

Zohar, A. & Aharon-Kravetsky, S. (2004). *Exploring the Effects of Cognitive Conflict and Direct Teaching for Students of Different Academic*. [Online]. Tersedia : [http://www3.interscience.wiley.com/ journal/ 110480420/abstrac](http://www3.interscience.wiley.com/journal/110480420/abstrac) [21 April 2010]

