

## DAFTAR PUSTAKA

- Alhadad, F. S. (2010). *Meningkatkan Kemampuan Representasi Multipel Matematis, Pemecahan Masalah Matematis, dan Self-Esteem Siswa SMP Melalui Pembelajaran dengan Pendekatan Open Ended*. Disertasi: SPS UPI Bandung.
- Abdullah, I.H. (2012). Peningkatan Kemampuan Representasi Matematis Siswa SMP melalui Pembelajaran Kontekstual yang Terintegrasi *Soft Skill*. *Prosiding*. 427-436, ISBN: 978-979-16353-8-7.
- Anigbo, L C dan Idigo, E. (2017). Factors Affecting Students' Interest in Mathematics in Secondary Schools in Enugu State. *Journal of Science and Computer Education (JOSCED)*. [Online]. Tersedia: <https://journals.aphriapub.com/index.php/JOSCED/article/download/446/405>
- Azwar, S. (2015). *Sikap Manusia. Teori dan Pengukurannya*. Edisi ke-2. Pustaka Pelajar: Yogyakarta.
- Baturei, I.J., & Jibrin, A. G., (2015). The Perception of Preservice Mathematics Teachers on the Role of Scaffolding in Achieving Quality Mathematics Classroom Instruction. *International Journal of Education in Mathematics, Science and Technology*. 3(4), 275-287.
- Belmore, J.A. (2009). Interpersonal Communication: The Self and Perception in Communication. *Project Submitted in Partial Fulfillment for the Degree of Master of Art. Communication and Leadership Park University*. [online] Tersedia: <http://files.eric.ed.gov/fulltext/ED506710.pdf>
- Bednarz, N. & Proulx, J. (2017). Teachers' mathematics as mathematics-at-work. *Research in Mathematics Education*, 19(1), 42-65. DOI: 10.1080/14794802.2017.1287000

- Bossé, M. J., Gyamfi, K.A., Cheetham, M. (2011) *Translations Among Mathematical Representations: Teacher Beliefs and Practices*. [online] Tersedia: <http://www.cimt.plymouth.ac.uk/journal/bosse4.pdf>
- Brown T., Solomon Y., Wiliam J. (2016). Theory in and for Mathematics Education: in Pursuit of a Critical Agenda. *Educ Stud Math*. Volume 92, Halaman 287-297. DOI 10.1007/s10649-016-9706-7.
- Cai, Lane, Jacobcsin (1996). “Assesing Students’ mathematical communication”. *Official Journal of Science and Mathematics*. 5, 96.
- Casem, Q. R., (2013). *Comprehensive Journal of Educational Studies*. 1, 9.
- Cave, A. (2010). Learning Math in Second Grade: An Application of Cognitive Apprenticeship. *National Forum Of Applied Educational Research Journal* 23(3).
- Chen, M.J., Lee, C.Y., Hsu, W.C. (2015). Influence of Mathematical Representation and Mathematics Self-Efficacy on the Learning Effectiveness of Fifth Graders in Pattern Reasoning. *International Journal of Learning, Teaching and Educational Research*. 13(1),1-16.
- Cobb, P. (1994). Constructivism in Mathematics and Science Education. *Educational Researcher*. 23(7),4. [online] Tersedia: <http://edr.sagepub.com/content/23/7/4.full.pdf>
- Collins, A., Brown, J.S., Newman, S.E. (1987). *Cognitive Apprenticeship: Teaching The Craft of Reading, Writing, and Mathematics*: Center For The Study of Reading. Technical Report No. 43.
- Collins, A. (2005). *Cognitive Apprenticeship* pp. 47-60. The Cambridge Handbook of the Learning Sciences.

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)

- Dahlan, J.A. & Juandi, D. (2011). Analisis Representasi Matematika Siswa Sekolah Dasar dalam Penyelesaian masalah matematika Konstektual. *Jurnal Pengajaran MIPA*. 16(1), 128-138.
- Depdiknas. (2006). *Lampiran Peraturan Menteri Pendidikan Nasional Tentang Standar Isi Untuk Satuan Pendidikan Dasar dan Menengah*. Peraturan Menteri Pendidikan Nasional Republik Indonesia No. 22 Tahun 2006.
- Dewi, N.K. (2016). Pengembangan Model Bimbingan Kelompok Berbasis Nilai Karakter Lokal Jawa untuk Meningkatkan Kesadaran Diri (Self-awareness) Siswa. (online): [http://e-journal.unipma.ac.id/index .php/JBK /article/ viewFile /231/203](http://e-journal.unipma.ac.id/index.php/JBK/article/viewFile/231/203)
- Ellianawati, Rusdiana, D., Sabandar, J., Rusli, A. (2014). Capaian Level Berpikir Reflektif Mahasiswa Program Remedial Perkuliahan Fisika Matematika 1 Berbasis Cognitive Apprenticeship Instruction. *Jurnal Pendidikan Fisika Indonesia*. 10(2), 150-157. [online] Tersedia: [http://journal.unnes.ac.id/nju/index.php/JPFI/article/view File/3450/3322](http://journal.unnes.ac.id/nju/index.php/JPFI/article/viewFile/3450/3322)
- Espy, G. Tracy. (1995). *Understanding Students' Transitions from Arithmetic to Algebra: A Constructivist Explanation*. University of North Alabama. [online] Tersedia: <http://files.eric.ed.gov/fulltext/ED393663.pdf>
- Ferrari, P. L. (2003). *Abstraction in mathematics*. Dipartimento di Scienze e Tecnologie Avanzate, Universita` del Piemonte Orientale, corso T.Borsalino 54, 15100 Alessandria AL, Italy. pferrari@unipmn.it.
- Fitri, N., Munzir, M., dan Duskri, M. (2017). Meningkatkan Kemampuan Representasi Matematis melalui Penerapan Model *Problem Base Learning*. *Jurnal Didaktik Matematika*. 4(1), 59-67.

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)

- Flurentin, E. (2014). Latihan Kesadaran Diri (*Self-Awareness*) dan Kaitannya dengan Penumbuhan Karakter. *Jurnal Inspirasi Pendidikan Universitas Kanjuruhan Malang*.
- Ghefali, A. (2003). Cognitive Apprenticeship, Technology, and the Contextualization of Learning Environments. *Journal of Educational Computing, Design & Online Learning, Volume. 4, Fall, 2003*. [online] Tersedia: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.331.1704&rep=rep1&type=pdf>

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS  
SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE  
APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) |  
[perpustakaan.upi.edu](http://perpustakaan.upi.edu)

- Gray, E. Tall, D. (2007). Abstraction as a Natural Process of Mental Compression. *Mathematic Education Research Journal*. 19(2), 23-40. [online] Tersedia:<http://homepages.warwick.ac.uk/staff/David.Tall/pdfs/dot2002e-pme26-forum.pdf>
- Goukens, C., Dewitte, S., Warlop, L. (2008). Me, Myself, and My Choices: The Influence of Private Self-Awareness on Choice. *Journal of Marketing Research*. [online] Tersedia: <https://lirias.kuleuven.be/bitstream/123456789/198541/1/2008-10-02>.
- Hake, R. (1999). *Analyzing Change/Gain Scores*. [online]. Tersedia: <http://www.physics.indiana.edu/~sdi/AnalyzingChange-Gain.pdf>.
- Hansson, A. (2010). Instructional responsibility in mathematics education: modelling classroom teaching using Swedish data. *Educ Stud Math*. 75, 171–189. DOI 10.1007/s10649-010-9249-2.
- Harahap, D.H., Syarifah, R. (2015). Studi Kasus Kesulitan Belajar Matematika pada Remaja. *Jurnal Psikologi*. 11, 20-30. ISSN: 1858-3970.
- Harries, T., & Barmby, P. (2006). Representation Multiplication. *Proceeding of the British Society for Research into Learning Mathematics*. 26(3), 25-30.
- Hassan, I., Mitchelmore, M., (2006). The Role of Abstraction in Learning about Rates of Change: *Mathematics Education Research Group of Australasia Conference* [Online] Tersedia: <http://www.merga.net.au/documents/RP302006.pdf>
- Heller, P., Heller, K. (1999). *Cooperative Group Problem Solving in Physics*. National Science Foundation (NSF), the Department of Education, Fund for Improving Post-Secondary Education

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)

(FIPSE), and by the University of Minnesota. [online] Tersedia: <http://groups.physics.umn.edu/physed/Research/CGPS/GreenBook.html>

- Herlina, E. (2015). *Peningkatan Kemampuan Advanced Mathematical Thinking dan Disposisi Berpikir Kreatif Matematis Mahasiswa Melalui Pendekatan M-APOS*. Disertasi: SPS UPI Bandung.
- Herman, T. (2007). Pembelajaran Berbasis Masalah untuk Meningkatkan Penalaran Matematis Siswa SMP. *Cakrawala Pendidikan*. 26(1), 41-62.
- Hong, J.Y., Kim, M.K. (2015). Mathematical Abstraction in the Solving of Ill-Structured Problems by Elementary School Students in Korea. *Eurasia Journal of Mathematics, Science & Technology Education*. 12(2), 267-281.
- Hutagaol, K. (2013). Pembelajaran Kontekstual untuk Meningkatkan Kemampuan Representasi Matematis Siswa Sekolah Menengah Pertama. *Infinity*. 2(1), 85-99.
- Hwang, W.Y., Chen, N.S., Dung, J.J., Yang, Y.L. (2007). Multiple Representation Skills and Creativity Effects on Mathematical Problem Solving using a Multimedia Whiteboard System. *Journal Educational Technology & Society*, 10(2), 191-212. [online] Tersedia: [http://www.ifets.info/journals/10\\_2/17.pdf](http://www.ifets.info/journals/10_2/17.pdf)
- Jacobsen, A.D., Eggen, P., Kauchak, D., (2009). *Method for Teaching: Promoting Student Learning in K-12 Classrooms*. Pustaka Pelajar: Yogyakarta.
- Kalathil, S. S., Sherin, M.G. (2000). Role of Students' Representations in the Mathematics Classroom. Mathematics Classroom. In B. Fishman & S. O'Connor-Divelbiss (Eds.), Fourth International Conference of the Learning Sciences (pp. 27-28). [online] Tersedia: <https://www.isls.org/icls/2000/proceedings/pdf/Kalathil.pdf>

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)

- Kaput, J., Sims-Knight, J. & Clement, J. (1985). Behavioral objections: A response to Wollman. *Journal for Research in Mathematics Education*, 16(1), 56–63.
- Kelly. (2010). Self-Care and Well being in Mental Health Professionals: The Mediating Effects of Self Awareness and Mindfulness. *Journal of mental Health Counseling*.
- Kirshner, D. (1989). The visual syntax of algebra. *Journal for Research in Mathematics Education*, 20 (3), 274–287.
- Komala, E. (2018). Analysis Of Students' Mathematical Abstraction Ability by Using Discursive Approach Integrated Peer Instruction of Structure Algebra II. *Infinity: Journal of Mathematics Education*, 7(1), 25-34.
- Kuhn, G. (2011). *Cognitive Apprenticeship*. Statewide Campus System, Michigan State School of Osteopathic Medicine.
- Listiana, Y. (2018). Kemampuan Representasi Matematis dan Keterampilan Sosial Siswa melalui Pendekatan Pembelajaran Matematika Realistiks. *Jurnal MathEducation Nusantara*. 1(1), 1-14.
- Meltzer, D.E. (2002). *Addendum to : "The Relationship between Mathematics Preparation and Conceptual Learning Gain in Physics: A Possible "Hidden Variable" in Diagnostics Pretest Score"*. [online]. Tersedia: [www.physicseducation.net/docs/Addendum\\_on\\_normalized\\_ga\\_in.pdf](http://www.physicseducation.net/docs/Addendum_on_normalized_ga_in.pdf)
- Memnun, D S, Aydin, B, dan Ozbilen O. (2017). The abstraction process of limit knowledge. *Educational Sciences: Theory & Practice*, 17(2), 345–371. <http://dx.doi.org/10.12738/estp.2017.2.0404>
- Mitchelmore, M., White, P. (2004). Abstraction In Mathematics and Mathematics Learning. *Proceedings of the 28th Conference of*

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)

*the International Group for the Psychology of Mathematics Education*. 3, 329–336.

- Mitchelmore, M., White, P. (2007). Abstraction in Mathematics Learning. *Mathematics Education Research Journal*. 19(2), 1–9.
- Molina, M., et al. (2016). Secondary School Students' Errors in the Translation of Algebraic Statements. *International Journal of Science and Mathematics Education*, 15(6), 1137-1156
- Monahagan, J., Ozmantar, M. F. (2007). A Dialectical Approach to the Formation of Mathematical Abstractions: *Mathematics Education Research Journal*. 19(2), 89–112.
- Morin, A. (1993). Self-talk and Self-awareness: On the Nature of the relation. *The Journal of Mind and Behavior*. 14(3): halaman 223-234.
- Morin, A. Craig, L. (2000). Self-Awareness, Self-Esteem, and Alcohol Use in Famous and Relatively Well-Known Individuals: *Current Research in Social Psychology* [online] Tersedia: <http://www.uiowa.edu/crisp/volume-5-issue-16-august-3-2000>
- Morin, A. (2011). Self-Awareness Part 1: Definition, Measures, Effects, Functions, and Antecedents. *Social and Personality Psychology Compass* 5(10): halaman 807-823.
- Mudana, N.O., Dharsana, I.K., Suranata, K. (2014). Penerapan Konseling Gestalt dengan Teknik Reframing untuk Meningkatkan Kesadaran Diri dalam Belajar Siswa Kelas VIII A1 Smp Negeri 4 Singaraja Tahun Ajaran 2013/2014. *e-journal Undiksha Jurusan Bimbingan Konseling*.2(1). [online] Tersedia:<http://ejournal.undiksha.ac.id/index.php/JJBK/article/viewFile/3922/3135>

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)



- Mullis, I. V. S., Martin, M. O., Foy, P., Arora, A. (2012). *TIMSS 2011 International Result in Mathematics*. TIMSS & PIRLS International Study Center.
- Murch, R. (2013). *Cognitive Apprenticeships*: Purdue University. [online] Tersedia: [https://rachelmurch.files.wordpress.com/2013/05/531\\_final\\_paper\\_murch\\_updated.pdf](https://rachelmurch.files.wordpress.com/2013/05/531_final_paper_murch_updated.pdf)
- Nasution, M. (2015). Teori Pembelajaran Matematika menurut Aliran Psikologi Behavioristik (Tingkah Laku). *Logaritma*. 3(1), 109-121.
- National Council of Teachers of Mathematics (2000). *Principles and Standards for School Mathematics*. Reston. VA: NCTM.
- National Council of Teachers of Mathematics (2003). *Programs for Initial Preparation of Mathematics Teachers*. Reston. VA: NCTM.
- Neria, D., Amit, M. (2004). Students Preference Of Non-Algebraic Representations In Mathematical Communication. *Proceedings of the 28th Conference of the International Group for the Psychology of Mathematics Education*. [online] Tersedia: [http://www.emis.de/proceedings/PME28/RR/RR222\\_Neria.pdf](http://www.emis.de/proceedings/PME28/RR/RR222_Neria.pdf)
- Nurhasanah, F. (2010). Abstraksi Siswa SMP dalam Belajar Geometri melalui Penerapan Model Van Hiele dan Geometers. Tesis: SPs UPI.
- Nurhasanah, F., Kusumah, Y.S., Sabandar, J., Suryadi, D. (2017). Mathematical Abstraction: Constructing Concept of Parallel Coordinates. *Journal of Physics. Conf. Series* **895** 12076 doi :10.1088/1742-6596/895/1/012076. (online) <http://iopscience.iop.org/article/10.1088/1742-596/895/1/012076/pdf>
- Nurhasanah, F. (2015). Abstraksi Siswa SMP dalam Belajar Geometri melalui Penerapan Model Van Hiele dan Geometri Sketchpad.

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)

(online). [https://scholar.google.com/citations?user=K5f7gNcAAAAJ&hl=en#d=gs\\_md\\_cita-d&p=&u=%2Fcitations%3Fview\\_op%3Dview\\_citation%26hl%3Den%26user%3DK5f7gNcAAAAJ%26citation\\_for\\_view%3DK5f7gNcAAAAJ%3ATyk-4Ss8FVUC%26tzmom%3D-420](https://scholar.google.com/citations?user=K5f7gNcAAAAJ&hl=en#d=gs_md_cita-d&p=&u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Den%26user%3DK5f7gNcAAAAJ%26citation_for_view%3DK5f7gNcAAAAJ%3ATyk-4Ss8FVUC%26tzmom%3D-420)

- Nurhasanah, F., Sabandar, J., Kusumah, Y.S. (2013). Abstraction Processes In Learning Geometry Using Gsp. *6th East Asia Regional Conference on Mathematics Education (EARCOME6)* 17-22 March 2013, Phuket, Thailand. (online): [https://s3.amazonaws.com/academia.edu.documents/31192258/Full\\_Paper\\_SO\\_TSG3\\_Farida\\_Nurhasanah\\_INA\\_copy.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1520970212&Signature=feWbR%2B1FAxo%2B98PTNWt4ydkjYIY%3D&response-content-disposition=inline%3B%20filename%3DAbstraction\\_Processes\\_in\\_Learning\\_Geomet.pdf](https://s3.amazonaws.com/academia.edu.documents/31192258/Full_Paper_SO_TSG3_Farida_Nurhasanah_INA_copy.pdf?AWSAccessKeyId=AKIAIWOWYYGZ2Y53UL3A&Expires=1520970212&Signature=feWbR%2B1FAxo%2B98PTNWt4ydkjYIY%3D&response-content-disposition=inline%3B%20filename%3DAbstraction_Processes_in_Learning_Geomet.pdf)
- Oktaviani, M.A. dan Notobroto, H.B. (2014). Perbandingan Tingkat Konsistensi Normalitas Distribusi Metode Kolmogorov-Smirnov, Lillieforse, Shapiro-Wilk dan Skewness-Curtosis. *Jurnal Biometrika dan Kependudukan*. 3(2), 127-135.
- Oliver, K. (1999). Situated Cognition & Cognitive Apprenticeships. [online] Tersedia: <http://methodenpool.uni-koeln.de/apprenticeship/cog.pdf>
- Ozmantar, M. F. (2005). Mathematical Abstraction: A Dialectical View. *Proceedings of the British Society for Research into Learning Mathematics*. [online] Tersedia: <http://www.bsrlm.org.uk/IPs/ip25-2/BSRLM-IP-25-2-14.pdf>
- Peraturan Pemerintah Republik Indonesia Nomor 19 Tahun 2005 Tentang Standar Nasional Pendidikan Pasal 19 ayat 1.

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) | [perpustakaan.upi.edu](http://perpustakaan.upi.edu)

- Polk, D.M. (2013). Cultivating Self-Awareness with Team-Teaching: Connections between Classroom Learning and Experiential Learning: *Journal of Leadership Education*. 12(2). [online] Tersedia: <http://www.journalofleadershiped.org/attachments/article/305/Polk.pdf>
- Priatna, N. (2017). The Application Of Brain-Based Learning Principles Aided by GeoGebra to Improve Mathematical Representation Ability. *The 4th International Conference on Research, Implementation, and Education of Mathematics and Science (4th ICRiems)*. AIP Publishing. 978-0-7354-1548-5
- Putri, H.E. (2015). *Pengaruh Pendekatan Concrete-Pictorial-Abstract (CPA) Terhadap Peningkatan Kemampuan Representasi Matematis, Spatial Sense, dan Self-Efficacy Mahasiswa Calon Guru Sekolah Dasar*. Disertasi: SPS UPI Bandung.
- Rasheed, S.P. (2015). Self-Awareness as a Therapeutic Tool for Nurse/Client Relationship: *International Journal of Caring Sciences. Volume 8 Issue 1*. [online] Tersedia: <http://www.internationaljournalofcaringsciences.org/docs/24-%20Review-Parveen.pdf>
- Razali, N.M. (2011). Power Comparisons of Shapiro-Wilk, Kolmogorov-Smirnov, Lilliefors and Anderson-Darling Test. *Journal of Statistical Modeling and Analytics*. 2(1), 21-33.
- Rohmah, M. S. (2013). *Pendekatan Brainstorming Teknik Round-Robin untuk Meningkatkan Kemampuan Penalaran, Komunikasi Matematis dan Self-Awareness Siswa SMP*. Disertasi: SPS UPI Bandung.
- Rose, C., Nicholl, M.J. (2009). *Accelerated Learning for The 21st Century*. Bandung: Nuansa.
- Rosengrant, D., Etkina, E., Heuvelen, A.V. (2007). *An Overview of Recent Research on Multiple Representations* [online] Tersedia:

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

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<http://perusersguide.org/document/ServeFile.cfm?ID=5264&DocID=2129&Attachment=1>

- Ruseffendi, E. T. (1988). *Pengantar Kepada Membantu Guru Mengembangkan Kompetensinya dalam Pengajaran Matematika untuk Meningkatkan CBSA*. Bandung: Tarsito.
- Ruseffendi, E. T. (2010). *Dasar-Dasar Penelitian Pendidikan dan Bidang Non-Eksakta Lainnya*. Bandung: Tarsito.
- Sudjana (1995). *Metode Statistika*. Bandung: Tarsito.
- Sugiyono (2009). *Metode Penelitian Pendidikan*. Bandung: Alfabeta
- Suherman, E., Kusumah, Y. S. (1990). *Petunjuk Praktis untuk Melaksanakan Evaluasi Pendidikan Matematika*. Bandung: Wiyakusumah.
- Sulastrri, Marwan, dan Duskri, M. ( 2017). Kemampuan Representasi Matematis Siswa SMP melalui Pendekatan Pendidikan Matematika Realisti. *Beta: Jurnal Tadris Matematika*. 10(1), 51-69.
- Suparno, P. (1997). *Filsafat Konstruktivisme dalam Pendidikan*. Yogyakarta: Kanisius.
- Suryana, A. (2012). Kemampuan Berpikir Matematis Tingkat Lanjut (*Advanced Mathematical Thinking*) dalam Mata Kuliah Statistika Matematika 1. *Proseding Jurusan Pendidikan Matematika FMIPA UNY*.
- Tandiseru, R.E. (2015). *Peningkatan Keterampilan Berpikir Kreatif, Pemecahan Masalah Matematis, dan Self-Awareness Siswa Melalui Model Pembelajaran Matematika Heuristik-KR Berbasis Budaya Lokal*. Disertasi: SPS UPI Bandung.
- Tata (2015). *Peningkatan Kemampuan Pemodelan dan Abstraksi Matematis serta Motivasi Belajar Siswa Sekolah Menengah*

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | repository.upi.edu |  
perpustakaan.upi.edu

*Pertama Melalui Pembelajaran Kontektual Kolaboratif.*  
Disertasi: SPS UPI Bandung.

- VonGlaserfeld, E. (1996). *Aspects of Radical Constructivism and its Educational Recommendations*. In: L. P. Steffe, et.al. (eds.) *Theories of mathematical learning* (pp. 307–314). Hillsdale, NJ: Lawrence Erlbaum.
- Wang, Y. (2015). *Formal Cognitive Models of Data, Information, Knowledge, and Intelligence*: WSEAS TRANSACTIONS on COMPUTERS. [online] Tersedia: <http://www.wseas.org/multimedia/journals/computers/2015/b5072610-109.pdf>
- Widhiarso, W. (2011). Arti Interaksi pada Analisis Varians. [online] Tersedia: <http://widhiarso.staff.ugm.ac.id/wp/arti-interaksi-pada-analisis-variands/>
- Winarno, J. (2008). Emotional Intelegence Sebagai Salah Satu Faktor Penunjang Prestasi Kerja. *Jurnal Manajemen*. 8(1). [online] Tersedia: <http://majour.maranatha.edu/index.php/jurnal-manajemen/article/view/209/pdf>
- Winayawati, L., Waluya, S.B., dan Junaedi, I. (2012). Implementasi Model Pembelajaran Kooperatif dengan Strategi Think-Talk-Write terhadap Kemampuan Menulis Rangkuman dan Pemahaman Matematis Materi Integral. *Unnes Journal of Research Mathematics Education*. 1(1), 66-71.
- Yadav, R. (2016). Role of Constructivism in learning. *International Journal of Educational Studies*. 3(3), 93-97.
- Yusepa, B. (2016). Analisis Kemampuan Abstraksi Matematis Siswa SMP di Kota Bandung (Studi Kasus di Salah Satu SMP Level Atas). *Symmetry*. 1(1), 54-60.

**Beni Yusepa Ginanjar Putra, 2018**

**PENINGKATAN KEMAMPUAN REPRESENTASI DAN ABSTRAKSI MATEMATIS SERTA SELF-AWARENESS SISWA SMP MELALUI COGNITIVE APPRENTICESHIP INSTRUCTION**

Universitas Pendidikan Indonesia | [repository.upi.edu](http://repository.upi.edu) |  
[perpustakaan.upi.edu](http://perpustakaan.upi.edu)

- Yusepa, B. (2016). Analisis Kesulitan Siswa dalam Menyelesaikan Soal Kemampuan Representasi Matematis. *Widya Sari: Jurnal Ilmia Pendidikan, Sejarah dan Sosial Budaya*. 18(6), 55-60.
- Yusepa, B.G.P., Kusumah, Y.S., & Kartasasmita, B.G. (2018, March). The enhancement of students' mathematical representation in junior high school using cognitive apprenticeship instruction (CAI). *In Journal of Physics: Conference Series* (Vol. 983, No. 1, p. 012100). IOP Publishing.
- Yusepa, B.G.P., Kusumah, Y.S., & Kartasasmita, B.G. (2018, January). Promoting middle school students' abstract-thinking ability through cognitive apprenticeship instruction in mathematics learning. *In Journal of Physics: Conference Series* (Vol. 948, No. 1, p. 012051). IOP Publishing.
- Zakiah, N.E. (2017). Pembelajaran dengan Pendekatan Kontekstual Berbasis Gaya Kognitif untuk Meningkatkan Self-awareness Siswa. *Jurnal Teori dan Riset Matematika (Teorema)*. 2(1), 11-30

**Beni Yusepa Ginanjar Putra, 2018**

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