

## BIBLIOGRAFI

- Anderson, E. D., & Nelson, J. (1994). An Introduction to the concept of slope. Mathematics Teacher, 87, 37-41.
- Barr, G. (1980). Graphs, gradients and intercepts. Mathematics in School, 9(1), 5-6.
- Barr, G. (1981). Some student ideas on the concept of gradient. Mathematics in School, 10(1), 14-17.
- Bell, A., & Janvier, C. (1981). The interpretation of graphs representing situations. For The Learning of Mathematics, 2(1), 34-42.
- Brasell, H. M. & Rowe, M. B. (1993). Graphing Skills Among High School Physics Students. Journal of School Science and Mathematics, 93(2), 63 – 68.
- Bruner, G. (1960). Elementary mathematical ideals. London: Chatto & Windus.
- Cobb, P., & Steffe, L. P. (1983). The Constructivist researcher as Teacher and Model Builder. Journal For Research in Mathematic Education, 14, 83 -94.
- Cobb, P., Wood, T., Yackel, E., & Perlwitz, M. (1992). A follow up assessment of a second grade problem centred mathematics project. Education Studies in Mathematics, 23(5), 483-504.
- Crouse, R. J. (1990). Linear Function Saves Carpenter's Time. Mathematics Teacher, 84(5), 400 – 401.
- Etchberger, M. L., & Shaw, K.L. (1992). Teacher Change as Progression of Transitional Images : A chronology of Developing Constructivist Teacher. Journal of School Science and Mathematics, 92(8), 411 – 417.
- Fluster, M. E. (2001). Geometric Meaning in the Geometric mean means more Meaningful Mathematics . Mathematics Teacher, 94(3), 186 – 187.
- Gamble, D. C. (1976). Caviare to the General. Mathematics Teaching, 70(9), 23-31.
- Gustafson, D. A. (1987). Skiing the slope. Mathematics Teacher, 80(9), 733 - 735.
- Hart, K. (1978). The Understanding of Ratio in the Secondary School. Mathematics in School, 93(1), 7 – 9.
- Hanley, A. (1978) . Verbal mathematics. Mathematics in School, 7(4), 27 - 30.
- Harris, K., & Marcus, R. (2001). Curriculum Materials Supporting Problem-Based Teaching. Journal of School Science and Mathematics, 101(6), 310 – 318.

- Haslina Jaafar, (2000) Penyelesaian Persamaan Linear oleh tiga orang pelajar tingkatan dua, Kertas projek, Universiti Malaya.
- Hasnul Hadi, A. S. (1993). Fahaman Binaan Dalam Pembelajaran dan Pengajaran Matematik . Berita Matematik. 43. Kuala Lumpur : KPM
- Heigh, W. E. (1987). Graph, Guess and Compute. Mathematics Teacher, 80(12), 716 – 721.
- Kementerian Pendidikan Malaysia, (2001). Sukatan Pelajaran Kurikulum Bersepadu Sekolah Menengah : Matematik. Kuala Lumpur: Dewan Bahasa dan Pustaka.
- Kementerian Pendidikan Malaysia, (1989). Huraian Sukatan Pelajaran Matematik KBSM Tingkatan Empat. Kuala Lumpur: Dewan Bahasa dan Pustaka.
- Kementerian Pendidikan Malaysia, (1998). Huraian Sukatan Pelajaran Matematik KBSM: Edisi Sekolah Bistari . Kuala Lumpur: Dewan Bahasa dan Pustaka.
- Kerslake, D. (1981). Graphs In K Hart (Ed.) Children's understanding of mathematics: 11-16(pp. 120-136) London: John Murry
- Kerslake, D.(1977).The Understanding of Graphs. Mathematics in School, 10(2)13 - 15.
- Knuth, E. J. (2000). Student Understanding of the Cartesian Connection : An Exploratory Study. Journal For Research in Mathematic Education, 31(4), 500 – 508.
- Lerman, S. (1989). Constructivism Mathematics and mathematics Education. Educational Studies in Mathematics, 20(2), 211 – 223.
- Lim, B. K., et.al. (1996). Pengajian Canggih: Kefahaman Konsep Pelinearan dalam Konteks Amali Fizik. Dalam Prosiding Simposium Kebangsaan Matematik ke – VII. Selangor : Institut teknologi Mara.
- Lo, J., & Watanabe, T. (1997). Developing Ratio and Proportion Schemes : A Study of a Fifth Grader. Journal For Research in Mathematic Education, 28(2), 216 – 236.
- Magoon, A.J. (1977). Constructivist approaches in educational research, Review of Educational Research, 47 651-693
- Maizatul Liza, M. (1998). Satu Kajian Menggunakan Kemahiran Penyelesaian Masalah matematik ' garis lurus' menggunakan kaedah Polya. Kertas Projek tidak diterbitkan. Fakulti Pendidikan. Universiti Kebangsaan Malaysia, Selangor.
- Metz, J. R. (1988). Slope as speed. Mathematics Teacher, 8(4), 285 – 289.

- Mohammad Said Zainol. (1996). Usaha Ke arah Meningkatkan Kecemerlangan Matematik. Prosiding Kebangsaan Matematik ke-V11, ITM, Kuala Lumpur.
- Mustafa, M. (1991). Geometri Analisis Permulaan. Kuala Lumpur, D B dan Pustaka.
- National Council of Teachers of mathematics (1989). Curriculum and evaluation standards of school mathematics. Reston, VA: Pengarang
- Ng, S. G. (1999). Kefahaman penambahan nombor perpuluhan bagi murid pelajar tahun empat. Kertas projek, Universiti Malaya.
- Nik Azis, N. P. (1997). Pembentukan Model Pengajaran Matematik Berlandaskan Konstruktivisme Radikal. Science and Mathematics Education, 11, 27 – 36.
- Nik Azis, N.P. (1996). Penghayatan matematik KBSR dan KBSM : Perkembangan Profesional. Kuala Lumpur : Dewan Bahasa dan Pustaka.
- Nik Azis, N.P. (1995). Agenda Tindakan: Penghayatan Matematik KBSR dan KBSM. Kuala Lumpur : Dewan Bahasa dan Pustaka.
- Nik Azis, N.P. (1999). Pendekatan Konstruktivisme Radikal dalam Pendidikan Matematik. Kuala Lumpur : Universiti Malaya.
- Noor Shah, S. (2001). Teori dan Perkaedahan Pendidikan Matematik. Selangor: Pearson Education Malaysia Sdn. Bhd.
- Orton, A. (1984). Understanding rate of change. Mathematics inSchool, 13(5), 23-26.
- Othman Sodikin, (1999). Konsepsi pendaraban nombor bulat bagi pelajar tahun tiga. Tesis Sarjana, Universiti Malaya.
- Padilla, M. J., & Mckenzie, D.L. (1986). An Examination of the Line Graphing Ability of Students in Grade Seven Through Twelve. Journal of School Science and Mathematics, 86(1), 20 – 26.
- Pandisco, E. A. (2002). Alternative Geometric Constructions: Promoting Mathematical Reasoning . Mathematics Teacher, 95(1), 32 – 36.
- Piaget, J. (1964). Development and learning. In R.E. Ripple & V.N. Rockcastle (Eds.). Piaget rediscovered: A Report of the conference on cognitif studies and curriculum development. Ithaca, Ny: Cornell University.
- Piaget, J. (1977). Psychology abd epistemology. New York: Penguin.
- San, T. S., & Kiat T. E. (1993). Kurikulum Bersepadu Sekolah Menengah: Matematik Tingkatan 4. Selangor: Pelangi Sdn. Bhd.
- Schoenfeld, A. H., Smith, J. P., (1993). Learning : The microgenetic analysis of one

student's evolving understanding of a complex subject matter domain. In R. Glaser (Ed.), Advances in instructional psychology (Vol. 4, pp. 55 - 175)

- Skemp, R. (1987). The psychology of Learning mathematics. Hillsdale, NJ : Lawrence Erlbaum.
- Simon, M. (1995). Reconstructing Mathematics Pedagogy from a Constructivist Perspective. Journal For Research in Mathematic Education, 26(3), 114 – 145.
- Smith, J. (2000). Geometry for the Clueless. New York: City College.
- Steele, D. F. (2001). Using Sociocultural Theory to Teach Mathematics: A Vygotskian Perspective. Journal of School Science and Mathematics, 101(8), 404 – 416
- Steffe, L., & Ambrosio, B. (1995). Toward a working model of Constructivist teaching : A reaction to Simon. Journal For Research in Mathematic Education, 26(2), 146-159.
- Steffe, L.P. (1983). Children's algorithms as schemes. Educational Studies in Mathematics, 14, 109-125
- Steffe, L. P., & Cobb, P. & von Glasersfeld, E. (1987). Arithmetical meanings and strategies. Manuscript copy, Universiti of Georgia.
- Steffe, L. P., & Cobb, P. (with von Glasersfeld, E.) (1988). Construction of arithmetical meanings and strategies. New York : Springer-Verleg.
- Stump, S. L. (2001). High School Precalculus Students' Understanding of Slope as Measure. Journal of School Science and Mathematics, 101(2), 81 – 89.
- Stump, S. L. (1999). Secondary mathematics teachers' Knowledge of Slope. Mathematics Education Research Journal, 11, 122-144.
- Ward, C. D. (2001). Under Construction : On Becoming a Constructivist in View of the Standards. Mathematics Teacher, 94, 94 – 96.
- Von Glasersfeld, E. (1982b). The abstraction of counting units. Dalam S. Wagner (Ed.), Proceedings of the Fourth Annual Meeting of the North American Chapter of PME-NA. Athens : Universiti of George.
- Von Glasersfeld, E. (1983a). On the concept of interpretation. Poetics, 12, 207-218.
- Von Glasersfeld, E. (1983b). Learning as a constructive activity. Paper presented at the Annual Meeting of PME-NA, Montreal, Canada.
- Von Glasersfeld, E. (1988). Environment and communication. Paper presented at the Annual Meeting of ICME-6, Budapest, Hungary.