

Professor Alan Bishop

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Relação de publicações do autor desde 1999

1. Authored Books

Bishop, A.J. (1995) *Aproximacion sociocultural a la educacion matematica* (in Spanish) Santiago de Cali, Colombia: University del Valle Press

2. Edited Books

Mathematical Knowledge: Its Growth through Teaching (with J. van Dormolen and S. Mellin-Olsen) Kluwer, Dordrecht 1991.

Mathematical enculturation: A cultural perspective on mathematics education. (Sole author) Kluwer, Dordrecht, Holland, 1991.

Significant Influences on Children's Learning of Mathematics (Sole Editor), UNESCO, Paris 1993

A selected bibliography of Australian publications related to the Mathematics and Science education of Non-English speaking background (NESB) primary and secondary students in Australia. C. Larkin, A. J. Bishop and C. Brew, Faculty of Education, Monash University, 1994.

International Handbook of Mathematics Education (Chief Editor), Dordrecht, Kluwer, 1996.

Abreu, G. de, Bishop, A.J., Presmeg, N.C. (Eds.) (2002) *Transitions between Contexts of Mathematical Practices*. Dordrecht, Holland: Kluwer Academic Publishers.

Bishop, A.J., Clements, M.A., Keitel, C., Kilpatrick, J. and Leung, F.K.S. (Eds.) *Second International Handbook of Mathematics Education*, Dordrecht, Holland: Kluwer Academic Publishers, 2003

3. Chapters in Edited Books

'Mathematics Education in its Cultural Context' in M. Harris (ed.) Schools, Mathematics and Work. London: Falmer, 1991.

'Teaching Mathematics to Ethnic Minority Pupils in Secondary Schools' in D. Pimm and E. Love (eds.) Teaching and Learning School Mathematics. London: Hodder and Stoughton, 1991.

Mathematical Knowledge: Its Growth through Teaching (with J. van Dormolen and S. Mellin-Olsen) Kluwer, Dordrecht 1991.

Mathematical enculturation: A cultural perspective on mathematics education. (Sole author) Kluwer, Dordrecht, Holland, 1991.

Significant Influences on Children's Learning of Mathematics (Sole Editor), UNESCO,

- 'International Perspectives on Research in Mathematical Education' in D. A. Grouws (ed.) Handbook of Research on Mathematics Teaching and Learning. New York: MacMillan, 1992.
- 'Cultural Issues in the Intended, Implemented and Attained Mathematics Curriculum' in G. Leder (ed) Assessment and Learning of Mathematics. Melbourne: Australian Council for Educational Research, 1992.
- 'Influences from Society' in A. J. Bishop (ed.) Significant Influences on Children's Learning in Mathematics. Paris: UNESCO, 1993.
- 'Numeracy' a module in Science and Technology Education, a UNESCO Resources Kit. Paris: UNESCO, 1999.
- A selected bibliography of Australian publications related to the Mathematics and Science education of Non-English speaking background (NESB) primary and secondary students in Australia. C. Larkin, A. J. Bishop and C. Brew, Faculty of Education, Monash University, 1994.
- 'Culturalizing Mathematics Teaching' in A. S. King & M. J. Reiss (eds) The Multicultural Dimension of the National Curriculum. London: Falmer, 1993.
- 'Removing cultural barriers to numeracy' in S. McConnell and A. Treloar (Eds) Voices of Experience: Reframing Mathematics. Canberra: Department of Education and training, 1993.
- 'Issues arising from the New Decentralisation in the British school system' in R. Martin (ed) Devolution, Decentralisation and Recentralisation: the structure of Australian schooling. Melbourne: Australian Education Union, 1994.
- 'Western mathematics, the secret weapon of cultural imperialism' In B.Ashcroft, G.Griffiths & H.Tiffin (Eds) The post-colonial studies reader. London: Routledge, 1995.
- ' Mathematics education between technology and ethnomathematics. Should it be common? Does it make sense?' in C.Keitel(Ed) Mathematics and common sense. Berlin: Freie Universitat, 1995.
- International Handbook of Mathematics Education (Chief Editor), Dordrecht, Kluwer, 1996.
- 'What children and teachers count as mathematics.' With G.Abreu and G.Pompeu, in T.Nunes and P.Bryant (eds) Learning and teaching mathematics: an international perspective. London: Psychology Press, 1997.
- 'Research, effectiveness and the practitioners' world' in A. Sierpinska and J. Kilpatrick (eds) Mathematics education as a research domain: a search for identity. Dordrecht, Holland: Kluwer, 1998.
- Clarkson, P.C. & Bishop, A.J. (2000) Values and mathematics education. In A.Ahmed, H.Williams & J.M.Kraemer (Eds.) *Cultural diversity in mathematics (education): CIEAEM 51* (pp. 239-243) Chichester, UK: Horwood
- Bishop, A.J. (2001) Educating student teachers about values in mathematics education. In Lin, F.L. and Cooney, T. (Eds.) Making sense of mathematics teacher education.(pp.233-246). Dordrecht, Holland: Kluwer Academic Publishers, 2001
- Bishop, A. J. (2001). What values do you teach when you teach mathematics? In P. Gates (Ed.), *Issues in Mathematics Teaching*. Routledge Falmer. 93-104.
- Clarkson, P. C., Bishop, A. J., FitzSimons, G. E. & Seah, W. T. (2001). Lifelong learning and values: an undervalued legacy of mathematics education? In G. E. FitzSimons & J. O'Donoghue & D. Coben (Eds.), *Adult and Lifelong Education in Mathematics: Papers from Working Group for Action (WGA)6, 9th International Congress on Mathematics Education, ICME 9*. Adults Learning Mathematics - A Research Forum (ALM) and Language Australia. 37-46.

- Bishop, A.J. (2002) The transition experiences of immigrant secondary school students: dilemmas and decisions. In G.de Abreu, A.J.Bishop and N.C.Presmeg (Eds) *Transitions between contexts of mathematical practices*_(pp.53-79) Dordrecht, Holland: Kluwer Academic Publishers
- Bishop, A.J. (2002) Mathematical acculturation, cultural conflicts, and transition. In G. de Abreu, A.J.Bishop and N.C.Presmeg (Eds) *Transitions between contexts of mathematical practices* (pp.193-212) Dordrecht, Holland: Kluwer Academic Publishers Kluwer
- Abreu, G. de, Bishop, A.J., and Presmeg, N.C. (2002) Mathematics learners in transition. In G.deAbreu, A.J.Bishop, and N.C.Presmeg (eds.) *Transitions between contexts of mathematical practices* (7-21). Dordrecht: Kluwer
- Bishop, A.J. (2003) Introduction. In A.J.Bishop, M.A.Clements, C.Keitel, J.Kilpatrick and F.K.S.Leung (Eds.) *Second International Handbook of Mathematics Education* (pp.ix-xiv), Dordrecht, Holland: Kluwer Academic Publishers
- Bishop, A.J. and Seah, W.T. (2003) Values in mathematics teaching – the hidden persuaders? In A.J.Bishop, M.A.Clements, C.Keitel, J.Kilpatrick and F.K.S.Leung (Eds.) *Second International Handbook of Mathematics Education* pp.717-765) Dordrecht, Holland: Kluwer Academic Publishers
- Bishop, A.J. (2004) Mathematics education in its cultural context. In T.P.Carpenter, J.A.Dossey & J.L.Koehler (Eds.) *Classics in mathematics education research* (pp.200-207) Reston, VA, USA: National Council of Teachers of Mathematics.

4. Refereed journal articles

- Bishop, A.J. (2001). Research into practice: what values do you teach when you teach mathematics? *Teaching Children Mathematics*, 7(6), 346-349.
- Bishop, A.J.(2002) Critical challenges in researching cultural issues in mathematics education. *Journal of intercultural studies in education*, 23,2, 119-131

5. Refereed Conference Papers:

- Bishop, A.J. (2000) Research with, rather than on, teachers: Examples from two nationally funded research projects in Australia. In K.Y. Wong, H. Tairab, & M.A. Clements (Eds.), *Proceedings of the Fifth Annual Conference of the Department of Science and Mathematics Education: Science, mathematics and technical education in the 20th and 21st centuries* (pp. 145-152). Gadong, Brunei Darussalam: Universiti Brunei Darussalam.
- Bishop, A.J. (2000) Critical challenges in researching cultural issues in mathematics learning. In M. L. Fernandez (Ed), *Proceedings of the 22nd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. (pp. 23-29). Columbus, Ohio: ERIC
- Bishop, A. J. (2000). What qualities does an excellent teacher of mathematics have? In J. Wakefield (Ed.), *Mathematics shaping the future. Proceedings of the 37th annual conference of the Mathematical Association of Victoria* (pp. 1-12). Melbourne: Mathematical Association of Victoria.
- Bishop, A.J., Clarkson, P.C., FitzSimons, G. & Seah, W.T. (2000) Why study values in mathematics teaching: contextualising the VAMP project. In W.S. Horng & F.L.Lin (Eds) *Proceedings of the HPM 2000 conference: history in mathematics*

- education, challenges for a new millennium. Vol II.* (pp 147-154) Taipei, Taiwan: National Taiwan Normal University.
- Clarkson, P. C., Bishop, A. J., FitzSimons, G. E., & Seah, W. T. (2000). Methodology Challenges and Constraints in the VAMP Project. In W.-S. Horng & F.-L. Lin (Eds.), *Proceedings of the HPM 2000 conference, History in mathematics education: Challenges for the new millennium* (Vol. II), (pp. 155-162). Taipei: National Taiwan Normal University.
- Clarkson, P. C., Bishop, A. J., FitzSimons, G. E., & Seah, W. T. (2000). Challenges and constraints in researching values. In J. Bana & A. Chapman (Eds.), *Mathematics education beyond 2000. Proceedings of the 23rd Annual Conference of the Mathematics Education Research Group of Australasia* (pp. 188-195). Perth: Mathematics Education Research Group of Australasia.
- Clarkson, P. C., Seah, W. T., Bishop, A. J., & FitzSimons, G. E. (2000, December). *Methodology challenges and constraints in the Values and Mathematics Project*. Paper presented at the 26th Australian Association for Research in Education conference. [World Wide Web: <http://www.aare.edu.au/index.htm>]
- FitzSimons, G. E., Seah, W. T., Bishop, A. J., & Clarkson, P. C. (2000). Conceptions of values and mathematics education held by Australian primary teachers: Preliminary findings from VAMP. In W.-S. Horng & F.-L. Lin (Eds.), *Proceedings of the HPM 2000 conference, History in mathematics education: Challenges for the new millennium* (Vol. II), (pp. 163-171). Taipei: National Taiwan Normal University.
- FitzSimons, G. E., Seah, W. T., Bishop, A. J., & Clarkson, P. C. (2000). What might be learned from researching values in mathematics education? In T. Nakahara & M. Koyama (Eds.), *Proceedings of the 24th conference of the International Group for the Psychology of Mathematics Education* (Vol. 1), (p. 153). Hiroshima: Hiroshima University.
- Peck, R., Bishop, A.J., & Bennett, S. (2000). Looking for evidence in the teaching of mathematics. In J. Wakefield (Ed.), *Mathematics shaping the future. Proceedings of the 37th annual conference of the Mathematical Association of Victoria* (pp. 159-163). Melbourne: Mathematical Association of Victoria.
- Seah, W.T. & Bishop, A.J. (2000) Researching values with migrant/expatriate teachers of mathematics. In J.Wakefield (Ed.) *Shaping the future. Proceedings of the 37th annual conference of the Mathematical Association of Victoria* (pp.348-355). Melbourne: Mathematical Association of Victoria
- Bishop, A. J. (2001). International perspectives on doctoral studies in mathematics education. *Conference Board of the Mathematical Sciences. Issues in Mathematics Education, Volume 9. One Field, Many Paths: U.S. Doctoral Programs in Mathematics Education*. National Conference on Doctoral Programs, University of Missouri, Columbia, USA, October 1999, 45-52.
- Bishop, A. J. & Cao, Z. (2001). Students' attributions of success and failure in mathematics: findings in China and Australia. *Numeracy and Beyond. Proceedings of the 24th Annual Conference of the Mathematics Education Research Group of Australasia Incorporated. Volume 1*. The 24th Annual Conference of the Mathematics Education Research Group of Australasia Incorporated, University of Sydney, 30 June 2001 to 4 July 2001, 139-146.
- Bishop, A. J., FitzSimons, G. E., Seah, W.-T. & Clarkson, P. (2001). Do teachers implement their intended values in mathematics classrooms? *Proceedings of the 25th Conference of the International Group for the Psychology of Mathematics Education. Volume 2*. The 25th Conference of the International Group for the

Psychology of Mathematics Education, Utrecht, The Netherlands, 12-17 July 2001, 169-176.

- FitzSimons, G. E., Seah, W.-T., Bishop, A. J. & Clarkson, P. (2001). Beyond numeracy: values in the mathematics classroom. *Numeracy and Beyond. Proceedings of the 24th Annual Conference of the Mathematics Education Research Group of Australasia Incorporated. Volume 1.* The 24th Annual Conference of the Mathematics Education Research Group of Australasia Incorporated, University of Sydney, 30 June 2001 - 4 July 2001, 202-209.
- Seah, W.-T. & Bishop, A. J. (2001). Teaching more than numeracy: the socialisation experience of a migrant teacher. *Numeracy and Beyond. Proceedings of the 24th Annual Conference of the Mathematics Education Research Group of Australasia Incorporated. Volume 2.* The 24th Annual Conference of the Mathematics Education Research Group of Australasia Incorporated, University of Sydney, 30 June 2001 - 4 July 2001, 442-450.
- Bishop, A.J. (2001) The transition experience of immigrant students. In *Mathematical literacy in the digital era, the Proceedings of the CIEAEM conference*, Verbania, Italy. Ghisetti and Corvi Editori, 103-104.
- Bishop, A.J., Clarkson, P.C. G.E. FitzSimons & W.T. Seah, (2002) Studying values in mathematics education: aspects of the VAMP project. *Proceedings of the Mathematics Education Research Group of Australasia conference*, Waikato, New Zealand.
- Bishop, A.J. (2002) *Critical challenges in researching cultural issues in mathematics teaching and learning*. Plenary lecture at Psychology of Mathematics Education (North America) conference, 2002, Tucson, Arizona, USA
- Bishop, A.J. (2002) *Relationships between culture and mathematics education*. Plenary lecture to Chile Mathematics Teachers conference, Santiago, Chile
- Bishop, A.J. & Seah, W.T. (2002) Values, mathematics and society: making the connections. *Proceedings of the Mathematics Association of Victoria annual conference*. MAV, Melbourne.
- Bishop, A.J. (2005) Values in mathematics and science education: researchers' and teachers' views on the similarities and differences. In M. Goos, C. Kanes & R. Brown (Eds.), *Proceedings of the 4th International Mathematics Education and Society conference* (pp.88-98). Griffith University, Queensland, Australia
- Bishop, A.J., Clarke, B., Corrigan, D. & Gunstone, R. (2005) Teachers' preferences and practices regarding values in teaching mathematics and science. In P. Clarkson, A. Downton, D. Gronn, M. Horne, A. McDonough, R. Pierce & A. Roche (Eds.) *Building connections: theory, research and practice. Proceedings of Mathematics Education Research Group of Australasia Inc.* (pp.153-160). RMIT, Melbourne
- Cao, Z., Fircasz, H. & Bishop, A.J. (2005) A comparison of perceived parental influence on mathematics learning among students in China and Australia. In H.L. Chick & J.L. Vincent (Eds.) *Proceedings of the 29th conference of the International Group for the Psychology of Mathematics Education* (pp.2-219-2-216), University of Melbourne, Australia.

6. Plenaries and unpublished conference papers

- Bishop, A.J. (2002) *What comes after this comparative study: more competitions or more collaborations?* Plenary lecture at ICMI (International Commission for

- Mathematics Instruction) study conference 'East meets West', Oct 2002, University of Hong Kong.
- Bishop, A.J. (2000) ICME *Democratising mathematics education: seeds of reform*. Plenary lecture at International Congress on Mathematics Education, Japan (July 31- Aug. 6)
- Bishop, A.J. Values and policy: bridging the gap in mathematics education. Plenary lecture at Southern African Association for Research in Mathematics Science and Technology Education (SAARMSTE), January 2002, Durban, RSA.
- Bishop, A.J., FitzSimons, G.E., Seah, W.T. & Clarkson, P.C. *Researching values in mathematics education*. Paper at SAARMSTE conference, January, 2002, Durban, RSA
- Bishop, A.J. (2002) *Numeracies and lifelong teaching in a multicultural world: challenges and possibilities*. Plenary lecture at Numeracy and Mathematics: the Challenges for Lifelong Learning conference, Dec, 2002, Institute of Education, University of London, UK.
- Bishop, A.J. (2004) Immigrant students in transition: dilemmas and decisions. Paper presented at International Congress on Mathematics Education, Copenhagen, Denmark. August, 2004.