

Professor Brian A. Davey

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Education

Qualifications

- 1974 PhD, University of Manitoba, Canada
Thesis title: *Duality theory for quasi-varieties of universal algebras*
- 1972 MSc, Monash University
Thesis title: *Sheaves of universal algebras*
- 1970 BSc, First class honours, Monash University

Scholarships and Postdoctoral Fellowships

- 1974 National Research Council of Canada Postdoctorate Fellowship
- 1974 Canada Council Doctoral Fellowship
- 1973 – 1974 University of Manitoba Fellowship
- 1972 – 1973 University of Manitoba Graduate Teaching Assistantship
- 1970 – 1971 Australian Commonwealth Postgraduate Research Award
- 1969 – 1970 Monash University Graduate Assistantship
- 1966 – 1969 Daffyd Lewis Undergraduate Scholarship

Professional Employment

Permanent

- 2011 – 2012 Head of the Department of Mathematics and Statistics (18 months)
Acting Head of the School of Engineering and Mathematical Sciences (6 months)
- 2009 – 2013 Professor (Personal Chair), La Trobe University
- 1985 – 2008 Reader and Associate Professor, La Trobe University
- 1982 – 1984 Senior Lecturer, La Trobe University
- 1975 – 1981 Lecturer, La Trobe University

Temporary

- Aug – Oct 2010 Visiting Professor, SUNY New Paltz, USA
- Oct – Nov 2010 Visiting Professor, Research Institute, Matej Bel University, Slovak Republic
- July – Aug 2010 Visiting Professor, University of Waterloo
- Jun – Jul 2006 Visiting Professor, Research Institute, Matej Bel University, Slovak Republic
- Jul 2005 Visiting Professor, University of Bern, Switzerland
- Jun 2005 Visiting Professor, Matej Bel University, Slovak Republic
- May – Aug 1998 Visiting Professor, SUNY New Paltz, USA
- Jun 1995 Guest Professor, University of Lisbon, Portugal
- Nov 1993 Gastforscher, Universität Dresden, Germany
- Aug 1993 – Mar 1994 Visiting Fellow, Mathematical Institute, Oxford, UK
- Aug 1993 – Mar 1994 Sabbatical Visitor, Balliol College, Oxford, UK
- Jan – Aug 1980 Gastforscher, Universität Kassel, West Germany

Publication Summary

- 2 research monographs (A1)
- 2 undergraduate/postgraduate text books (A2, A4)
- 8 refereed book chapters (B1)
- 4 invited book chapters
- 82 refereed journal articles (C1)
- 15 other articles

Full publication list starts on page 3.

Research Grants

- *ARC Discovery*
 - ARC Discovery Grant jointly with M. Jackson, R. McKenzie, T. Niven, Cs. Szabo and M. Volkov entitled *Complexity in algebra and algebra in complexity* (2010 – 2013), \$260,000.
 - I brought a three-year ARC Future Fellowship (2012 – 2014) to La Trobe University when I convinced Dr Tomasz Kowalski to join my research group and transfer his fellowship from the University of Melbourne.
 - I have indirectly brought two ARC Discovery Grants to La Trobe University:
 - Dr Marcel Jackson successfully applied for an ARC APD Fellowship (2004 – 2006) to work with me in semigroup theory, \$193,000;
 - Dr Jane Pitkethly successfully applied for an ARC APD Fellowship (2005 – 2007) to work with me in duality theory, \$225,000.
- *ARC Small*
Nine grants from 1982 to 2000 of between \$4,000 and \$16,000.
- *Australian Mathematical Sciences Institute*
Three grants to run workshops and conferences: \$6,000 (2003), \$9,000 (2005), \$3,000 (2007).
- *LTU Institute of Advanced Studies*
Three Distinguished Fellowships for international colleagues (2005, 2006, 2008).
Grant of \$1,000 (2003) to run a ‘Fireside Chat’ for graduate students within a workshop.
- *FSTE Near Miss*
Grant of \$7,500 (2003).
- *FSTE Infrastructure Block Grants and Departmental Research Grants*
Nine grants since 2001 of between \$1,600 and \$7,200.

Graduate and Postdoctoral Supervision

- Supervised, as principal supervisor, eleven PhD and five MSc students to completion.
- Attracted seven postdoctoral fellows to my research group at La Trobe University: one ARC Future Fellow, three La Trobe Fellows, two ARC APD Fellows and one Charles La Trobe Fellow.

Contribution to Research Field

I have been responsible for laying down the foundations of the theory of natural dualities, and for many conceptual advances in its development. The first framework for a general duality theory for pre-varieties of algebras formed part of my PhD thesis. Based on this work, I was invited by G.-C. Rota to write a chapter for the first volume of the *Advances in Mathematics Supplementary Studies* series [16]. From this base, H. Werner and I created the theory of *natural dualities*, first set out in a 175-page book chapter [14]. (This work is still cited often, even 20 years after its publication: on the MathSciNet selective citation database it has the relatively high score of 50 citations since 2000.)

International research into the theory and its applications blossomed in the 1980s and 1990s, culminating in the publication of my research monographs with D. M. Clark [3] and J. G. Pitkethly [1]. The study and application of natural dualities is now a major and vibrant research area within universal algebra: the area was listed as one of the five central current research topics within universal algebra by Prof. George Grätzer in the latest edition of his classic text.

Further Esteem Factors

Research Leadership

- Founder of the Research Group on General Algebra and its Applications at La Trobe University, one of the foremost research groups on universal algebra in the world and one of the most active algebra groups in Australia. The group attracts graduate students, postdoctoral fellows and international visitors to La Trobe. See the website:

<http://www.latrobe.edu.au/mathematics-and-statistics/research/specialisations/general-algebra>

- Chair of La Trobe University's 2012 ERA Cluster 6 *Mathematical, Information and Computing Sciences*.

Journal Editorships

- Co-Editor in Chief of *Algebra Universalis* since 2012.
- Executive editor of *Algebra Universalis* since 2004.
- Associate editor of the *Bulletin of the Australian Mathematical Society* since 1979.
- Associate editor of *Algebra Universalis* from 1997 to 2004.
- Associate editor of *Order* from 1991 to 2004.
- Associate editor of the *Journal of the Australian Mathematical Society* from 1994 to 2004.

Citations

- On the MathSciNet selective citation database, I currently have the high score of 1014 citations by 581 authors since 2000: the two editions of my text [2, 4] score 322 citations, the monograph [3] scores 97 citations, and the book chapter [14] scores 50 citations.
- My text on lattices and order [2, 4] is quoted in research areas ranging from social science to computer science and mathematics. It has now sold over 10,000 copies and has over 4000 citations on Google Scholar.

Elected Positions

- Council member of the Australian Mathematical Society from 2004 to 2006.
- Co-founder and chair since 2004 of the Victorian Algebra Group, a special interest group of the Australian Mathematical Society that has run the annual Victorian Algebra Conference for the past 30 years: see <http://vicalg.ltumathstats.com>

Conference Organisation

- Organiser of the Victorian Algebra Conference on nine occasions.
- Co-organiser of the Jónsson Symposium, Laugarvatn Iceland, July 1990.

Invited Talks

- Invited plenary speaker at international conferences on 14 occasions since 1998.
- Invited lecturer on natural duality theory: Oxford University (England), the University of Lisbon (Portugal), the University of Montreal (Canada), the Southern African Summer School on Logic, Universal Algebra, and Theoretical Computer Science (South Africa), and the Summer School on General Algebra and Ordered Sets (Slovakia).

Full Publication List

Books

1. J. Pitkethly and B. Davey, *Dualisability: Unary Algebras and Beyond*, Advances in Mathematics **9**, Springer, New York, 2005, xii + 263 pp.
2. B. A. Davey and H. A. Priestley, *Introduction to Lattices and Order*, Second edition, Cambridge University Press, New York, 2002, xii + 298 pp.
3. D. M. Clark and B. A. Davey, *Natural Dualities for the Working Algebraist*, Cambridge Studies in Advanced Mathematics **57**, Cambridge University Press, Cambridge, 1998, xii + 356 pp.

4. B. A. Davey and H. A. Priestley, *Introduction to Lattices and Order*, Cambridge University Press, Cambridge, 1990, viii + 248 pp.

Invited Book Chapters

5. B. A. Davey, Terrance Speed—Commentary on Selected Algebra Papers, *Selected Works of Terry Speed* (S. Dudoit, ed.), Springer Selected Works in Probability and Statistics Series, Springer, 2011.
6. B. A. Davey and H. A. Priestley, Modified Priestley dualities as natural dualities, *Lattice Theory: Foundation* (G. Grätzer), Springer, 2011, pp. 434–437.
7. B. A. Davey and M. Haviar, Distributive lattices and duality, *General Lattice Theory* (G. Grätzer), Second edition, Birkhäuser, Basel, 1998, pp. 499–517.
8. B. A. Davey, Duality theory on ten dollars a day, *Algebras and Orders (Montreal, 1991)* (I. G. Rosenberg and G. Sabidussi, eds), NATO Adv. Sci. Inst. Ser. C Math. Phys. Sci. **389**, Kluwer, Dordrecht, 1993, pp. 71–111.

Refereed Book Chapters

9. B. A. Davey, Formal concept analysis: its role in teaching lattice theory, *Concept Lattices* (P. Eklund, ed.), Lecture Notes in Artificial Intelligence **2961**, Springer, 2004, pp. 55–56.
10. B. A. Davey and I. G. Rosenberg, Natural dualities and clones, *Advances in Mathematical Sciences: CRM's 25 Years (Montreal, 1994)* (L. Vinet, ed.), CRM Proc. Lecture Notes **11**, Amer. Math. Soc., Providence, 1997, pp. 385–402.
11. B. A. Davey, Dualisability in general and endodualisability in particular, *Logic and Algebra (Pontignano, 1994)* (A. Ursini and P. Aglianò, eds), Lecture Notes in Pure and Appl. Math. **180**, Dekker, New York, 1996, pp. 437–455.
12. B. A. Davey and R. W. Quackenbush, Bookkeeping duality for paraprimal algebras, *Contributions to General Algebra 9 (Linz, 1994)* (H. K. Kaiser et al., eds), Hölder-Pichler-Tempsky, Vienna, 1995, pp. 19–26.
13. B. A. Davey and H. Werner, Piggyback dualities, *Lectures in Universal Algebra (Szeged, 1983)* (L. Szabó and Á. Szendrei, eds), Colloq. Math. Soc. János Bolyai **43**, North-Holland, Amsterdam, 1986, pp. 61–83.
14. B. A. Davey and H. Werner, Dualities and equivalences for varieties of algebras, *Contributions to Lattice Theory (Szeged, 1980)* (A. P. Huhn and E. T. Schmidt, eds), Colloq. Math. Soc. János Bolyai **33**, North-Holland, Amsterdam, 1983, pp. 101–275.
15. B. A. Davey and D. Duffus, Exponentiation and duality, *Ordered Sets (Banff, 1981)* (I. Rival, ed.), NATO Adv. Study Inst. Ser. C: Math. Phys. Sci. **83**, Reidel, Dordrecht–Boston, 1982, pp. 43–95.
16. B. A. Davey, Topological duality for prevarieties of universal algebras, *Studies in Foundations and Combinatorics* (G.-C. Rota, ed.), Adv. in Math. Suppl. Stud. **1**, Academic Press, New York–London, 1978, pp. 61–99.

Refereed Journal Articles

17. B. A. Davey, The product representation theorem for interlaced pre-bilattices: some historical remarks, *Algebra Universalis*, to appear.
18. B. A. Davey, W. Bentz, J. G. Pitkethly and R. Willard, Dualizability of automatic algebras, *J. Pure Appl. Algebra*, to appear.
19. B. A. Davey, M. Haviar and J. G. Pitkethly, Full dualisability is independent of the generating algebra, *Algebra Universalis* **67** (2012), 257–272.
20. B. A. Davey and H. A. Priestley, Canonical extensions and discrete dualities for finitely generated varieties of lattice-based algebras, *Studia Logica* **100** (2012), 137–161.
21. B. A. Davey, J. G. Pitkethly and R. Willard, The lattice of alter egos, *Internat. J. Algebra Comput.* **22** (2012), 1250007, 36 pp.
22. B. A. Davey, M. Haviar and H. A. Priestley, Natural dualities in partnership, *Appl. Categ. Structures* **20** (2012), 583–602.
23. B. A. Davey and H. A. Priestley, A topological approach to canonical extensions in finitely generated varieties of lattice-based algebras, *Topology and its applications* **158** (2011), 1724–1731.

24. B. A. Davey, M. Jackson, J. G. Pitkethly and Cs. Szabó, Finite degree: algebras in general and semigroups in particular, *Semigroup Forum* **83** (2011), 89–110.
25. B. A. Davey, M. J. Gouveia, M. Haviar and H. A. Priestley, Multisorted dualisability: change of base, *Algebra Universalis* **66** (2011), 331–336.
26. B. A. Davey, M. J. Gouveia, M. Haviar and H. A. Priestley, Natural extensions and profinite completions of algebras, *Algebra Universalis* **66** (2011), 205–241.
27. B. A. Davey and J. G. Pitkethly, Counting the relations compatible with an algebra, *Internat. J. Algebra Comput.* **20** (2010), 901–922.
28. B. A. Davey, M. Haviar and J. G. Pitkethly, Using coloured ordered sets to study finite-level full dualities, *Algebra Universalis* **64** (2010), 69–100.
29. D. M. Clark, B. A. Davey, J. G. Pitkethly and D. L. Rifqui, Flat unars: the primal, the semi-primal and the dualisable, *Algebra Universalis* **63** (2010), 303–329.
30. B. A. Davey, M. Jackson, M. Maróti and R. N. McKenzie, Principal and syntactic congruences in congruence-distributive and congruence-permutable varieties, *J. Aust. Math. Soc.* **85** (2008), 59–74.
31. D. M. Clark, B. A. Davey, M. Jackson and J. G. Pitkethly, The axiomatizability of topological prevarieties, *Adv. Math.* **218** (2008), 1604–1653.
32. B. A. Davey, M. Jackson, J. Pitkethly and M. R. Talukder, Natural dualities for semilattice-based algebras, *Algebra Universalis* **57** (2007), 463–490.
33. D. M. Clark, B. A. Davey and R. Willard, Not every full duality is strong!, *Algebra Universalis* **57** (2007), 375–381.
34. B. A. Davey, M. Haviar and H. A. Priestley, Boolean topological distributive lattices and canonical extensions, *Appl. Categ. Structures* **15** (2007), 225–241.
35. B. A. Davey, J. G. Pitkethly and R. Willard, Dualisability versus residual character: a theorem and a counterexample, *J. Pure Appl. Algebra* **210** (2007), 423–435.
36. B. A. Davey, M. Haviar and T. Niven, When is a full duality strong?, *Houston J. Math.* **33** (2007), 1–22.
37. B. A. Davey, M. Haviar, T. Niven and N. Perkal, Full but not strong dualities at the finite level: extending the realm, *Algebra Universalis* **56** (2007), 37–56.
38. B. A. Davey, Natural dualities for structures, *Acta Univ. M. Belii Ser. Math.* **13** (2006), 3–28.
39. B. A. Davey, M. Haviar and R. Willard, Structural entailment, *Algebra Universalis* **54** (2005), 397–416.
40. B. A. Davey, M. Haviar and R. Willard, Full does not imply strong, does it?, *Algebra Universalis* **54** (2005), 1–22.
41. B. A. Davey and M. R. Talukder, Dual categories for endodualisable Heyting algebras: optimization and axiomatization, *Algebra Universalis* **53** (2005), 331–355.
42. D. M. Clark, B. A. Davey, R. S. Freese and M. Jackson, Standard topological algebras: syntactic and principal congruences and profiniteness, *Algebra Universalis* **52** (2004), 343–376.
43. B. A. Davey and M. Haviar, Applications of Priestley duality in transferring optimal dualities, *Studia Logica* **78** (2004), 213–236.
44. D. M. Clark, B. A. Davey, M. Haviar, J. G. Pitkethly and M. R. Talukder, Standard topological quasi-varieties, *Houston J. Math.* **29** (2003), 859–887.
45. B. A. Davey and J. C. Galati, A coalgebraic view of Heyting duality, *Studia Logica* **75** (2003), 259–270.
46. D. M. Clark, B. A. Davey and J. G. Pitkethly, The complexity of dualisability: three-element unary algebras, *Internat. J. Algebra Comput.* **13** (2003), 361–391.
47. B. A. Davey and M. Haviar, Transferring optimal dualities: theory and practice, *J. Aust. Math. Soc.* **74** (2003), 393–420.
48. B. A. Davey and M. R. Talukder, Functor category dualities for varieties of Heyting algebras, *J. Pure Appl. Algebra* **178** (2003), 49–71.
49. J. G. Pitkethly and B. A. Davey, A non-dualisable entropic algebra, *Algebra Universalis* **47** (2002), 51–54.
50. D. M. Clark, B. A. Davey and J. G. Pitkethly, Binary homomorphisms and natural dualities, *J. Pure Appl. Algebra* **169** (2002), 1–28.
51. B. A. Davey and B. J. Knox, From rectangular bands to k -primal algebras, *Semigroup Forum* **64** (2002), 29–54.

52. B. A. Davey, M. Haviar and H. A. Priestley, Kleene algebras: a case-study of clones and dualities from endomorphisms, *Acta Sci. Math. (Szeged)* **67** (2001), 77–103.
53. B. A. Davey and J. G. Pitkethly, Dualisability of p-semilattices, *Algebra Universalis* **45** (2001), 149–153.
54. B. A. Davey and R. Willard, The dualisability of a quasi-variety is independent of the generating algebra, *Algebra Universalis* **45** (2001), 103–106.
55. B. A. Davey and M. Haviar, A schizophrenic operation which aids the efficient transfer of strong dualities, *Houston J. Math.* **26** (2000), 215–222.
56. B. A. Davey, P. M. Idziak, W. A. Lampe and G. F. McNulty, Dualizability and graph algebras, *Discrete Math.* **214** (2000), 145–172.
57. B. A. Davey and B. J. Knox, Regularising natural dualities, *Acta Math. Univ. Comenian. (N.S.)* **68** (1999), 295–318.
58. B. A. Davey and J. G. Pitkethly, Endoprimal algebras, *Algebra Universalis* **38** (1997), 266–288.
59. B. A. Davey and R. W. Quackenbush, Natural dualities for dihedral varieties, *J. Austral. Math. Soc. Ser. A* **61** (1996), 216–228.
60. D. M. Clark and B. A. Davey, When is a natural duality “good”?, *Algebra Universalis* **35** (1996), 265–295.
61. B. A. Davey and H. A. Priestley, Optimal natural dualities for varieties of Heyting algebras, *Studia Logica* **56** (1996), 67–96.
62. B. A. Davey and H. A. Priestley, Optimal natural dualities II: general theory, *Trans. Amer. Math. Soc.* **348** (1996), 3673–3711.
63. B. A. Davey, M. Haviar and H. A. Priestley, The syntax and semantics of entailment in duality theory, *J. Symbolic Logic* **60** (1995), 1087–1114.
64. B. A. Davey, M. Haviar and H. A. Priestley, Endoprimal distributive lattices are endodualisable, *Algebra Universalis* **34** (1995), 444–453.
65. D. M. Clark and B. A. Davey, The quest for strong dualities, *J. Austral. Math. Soc. Ser. A* **58** (1995), 248–280.
66. B. A. Davey, L. Heindorf and R. McKenzie, Near unanimity: an obstacle to general duality theory, *Algebra Universalis* **33** (1995), 428–439.
67. B. A. Davey, R. McKenzie, J. B. Nation and P. P. Pálffy, Braids and their monotone clones, *Algebra Universalis* **32** (1994), 153–176.
68. B. A. Davey and H. A. Priestley, Partition-induced natural dualities for varieties of pseudo-complemented distributive lattices, *Discrete Math.* **113** (1993), 41–58.
69. B. A. Davey and H. A. Priestley, Optimal natural dualities, *Trans. Amer. Math. Soc.* **338** (1993), 655–677.
70. B. A. Davey, V. J. Schumann and H. Werner, From the subalgebras of the square to the discriminator, *Algebra Universalis* **28** (1991), 500–519.
71. B. A. Davey, R. W. Quackenbush and D. Schweigert, Monotone clones and the varieties they determine, *Order* **7** (1990), 145–167.
72. B. A. Davey, Monotone clones and congruence modularity, *Order* **6** (1990), 389–400.
73. B. A. Davey, K. R. Miles and V. J. Schumann, Quasi-identities, Mal'cev conditions and congruence regularity, *Acta Sci. Math. (Szeged)* **51** (1987), 39–55.
74. C. Ratanaprasert and B. A. Davey, Semimodular lattices with isomorphic graphs, *Order* **4** (1987), 1–13.
75. B. A. Davey and H. A. Priestley, Generalised piggyback dualities and applications to Ockham algebras, *Houston J. Math.* **13** (1987), 151–198.
76. B. A. Davey and J. Nieminen, Annihilators in modular lattices, *Algebra Universalis* **22** (1986), 154–158.
77. B. A. Davey and L. G. Kovács, Absolute subretracts and weak injectives in congruence modular varieties, *Trans. Amer. Math. Soc.* **297** (1986), 181–196.
78. B. A. Davey and H. A. Priestley, Lattices of homomorphisms, *J. Austral. Math. Soc. Ser. A* **40** (1986), 364–406.
79. B. A. Davey and G. Davis, Tensor products and entropic varieties, *Algebra Universalis* **21** (1985), 68–88.
80. B. A. Davey and H. Werner, Piggyback-Dualitäten, *Bull. Austral. Math. Soc.* **32** (1985), 1–32. [German]

81. B. A. Davey, Dualities for Stone algebras, double Stone algebras, and relative Stone algebras, *Colloq. Math.* **46** (1982), 1–14.
82. B. A. Davey and I. Rival, Exponents of lattice-ordered algebras, *Algebra Universalis* **14** (1982), 87–98.
83. B. A. Davey and M. J. McCarthy, A representation theory for the variety generated by the triangle, *Acta Math. Acad. Sci. Hungar.* **38** (1981), 241–255.
84. B. A. Davey and H. Werner, Distributivity of coproducts over products, *Algebra Universalis* **12** (1981), 387–394.
85. B. A. Davey and M. S. Goldberg, The free p -algebra generated by a distributive lattice, *Algebra Universalis* **11** (1980), 90–100.
86. B. A. Davey, On the lattice of subvarieties, *Houston J. Math.* **5** (1979), 183–192.
87. B. A. Davey and H. Werner, Injectivity and Boolean powers, *Math. Z.* **166** (1979), 205–223.
88. B. A. Davey, D. Duffus, R. W. Quackenbush and I. Rival, Exponents of finite simple lattices, *J. London Math. Soc. (2)* **17** (1978), 203–221.
89. B. A. Davey, Subdirectly irreducible distributive double p -algebras, *Algebra Universalis* **8** (1978), 73–88.
90. B. A. Davey, Weak injectivity and congruence extension in congruence-distributive equational classes, *Canad. J. Math.* **29** (1977), 449–459.
91. B. A. Davey and B. Sands, An application of Whitman’s condition to lattices with no infinite chains, *Algebra Universalis* **7** (1977), 171–178.
92. B. A. Davey, Dualities for equational classes of Brouwerian algebras and Heyting algebras, *Trans. Amer. Math. Soc.* **221** (1976), 119–146.
93. B. A. Davey and I. Rival, Finite sublattices of three-generated lattices, *J. Austral. Math. Soc. Ser. A* **21** (1976), 171–178.
94. B. A. Davey, W. Poguntke and I. Rival, A characterization of semi-distributivity, *Algebra Universalis* **5** (1975), 72–75.
95. B. A. Davey, Free products of bounded distributive lattices, *Algebra Universalis* **4** (1974), 106–107.
96. B. A. Davey, Some annihilator conditions on distributive lattices, *Algebra Universalis* **4** (1974), 316–322.
97. B. A. Davey, A note on representable posets, *Algebra Universalis* **3** (1973), 345–347.
98. B. A. Davey, Sheaf spaces and sheaves of universal algebras, *Math. Z.* **134** (1973), 275–290.
99. B. A. Davey, \mathfrak{m} -Stone lattices, *Canad. J. Math.* **24** (1972), 1027–1032.

Journal Articles in Preparation

100. B. A. Davey and S. Mendan, Natural and restricted Priestley dualities for ternary algebras.
101. B. A. Davey, L. Nguyen and J. G. Pitkethly, Counting relations on Ockham algebras.
102. B. A. Davey, J. G. Pitkethly and R. Willard, New-from-old full dualities via axiomatisation.
103. S. N. Begum, D. M. Clark, B. A. Davey and N. Perkal, Standardness for ordered topological unary algebras.

Other Articles

Invited Book Review

104. B. A. Davey, Logical or illogical? In defence of mathematics, *The Age Monthly Review* (November, 1983), 5–6.

Education Related

105. B. A. Davey, LOGO for little kids, *Maths Counts—Who Cares? (Melbourne, 1989)* (D. Firth, ed.), Mathematics Association of Victoria, 1989, pp. 219–221.
106. B. A. Davey, You’re a mathematician! Oh! I never was much good at maths, *Function* **12** (1988), 41–49.

107. B. A. Davey, Mathematics in the making: inductive reasoning and proofs by induction, *Learning and Applying Mathematics (Melbourne, 1978)* (E. Williams, ed.), Australian Association of Mathematics Teachers, 1978, pp. 321–324.
108. B. A. Davey, The four-colour theorem, *Vinculum* **14** (1977), 145–151.

Childbirth Education

109. B. A. Davey and J. Lumley, Do hospitals with family-centred maternity care policies have lower intervention rates?, *Birth* **14** (1987), 132–134.
110. B. A. Davey, A survey of Melbourne's maternity units, *The Childbirth Educator* **15** (1985), 10–14.
111. B. A. Davey, A survey of Melbourne's maternity units, *Interaction* **2** (1984), 8–10.

Reviews of Educational Software

112. B. A. Davey, Email for maths, *Your Computer* **51** (1990).
113. B. A. Davey, Amy's First Primer and Word Processor for Kids, *Your Computer* (June, 1988), 62–64.
114. B. A. Davey, Fingerpaint, *Your Computer* (April, 1988), 65–68.
115. B. A. Davey, KIDGAMES for pre-schoolers, *Your Computer* (February, 1988), 88–90.
116. B. A. Davey, Music and education, *Your Computer* (September, 1987), 38–39.
117. B. A. Davey, The Word is out!, *Your Computer* (September, 1987), 24–25.
118. B. A. Davey, LogoWriter, *Your Computer* (August, 1987), 26–30.