

25. Januar 2007. U. Schoenwaelder; <http://www.math.rwth-aachen.de/~Ulrich.Schoenwaelder>
 HB = Hochschulbibl. RWTH, HBZ = <http://www.hbz-nrw.de/> (HBZ-CD-ROM Online), MB = Mathematikbibl., DB = Didaktikbibl. (Winter), EB = Erziehungswiss Bibl., FH = Bibl. Fachhochschule Aachen, FL = Fernleihe, IB = Informatikbibl., LB = HB–Lehrbuchsammlung, LS = HB–Lesesaal, Nr. = Institutsbibliothek Nr., PB = Physik-Bibliothek.

LITERATUR VON UND ZU ED DUBINSKY

- [1] T. Ayers, G. Davis, E. Dubinsky, and P. Lewin. Computer experiences in learning composition of functions. *Journal for Research in Mathematics Education*, 19(3):246–259, 1988. DB.
- [2] Nancy Baxter, Ed Dubinsky, and Gary Levin. *Learning Discrete Mathematics with ISETL*. Springer–Verlag, 1989. ISBN 0-387-96898-9, 3-540-96898-9. HBZ: viele. Vgl. [25].
- [3] D. Breidenbach, E. Dubinsky, J. Hawks, and D. Nichols. Development of the process-conception of function. *Educational Studies in Mathematics*, pages 247–285, 1991. DB.
- [4] E. Dubinsky. Teaching mathematical induction I. *The Journal of Mathematical Behavior*, 5:305–317, 1986. HB:.
- [5] E. Dubinsky. Teaching mathematical induction II. *The Journal of Mathematical Behavior*, 8:285–304, 1986. HB:.
- [6] E. Dubinsky. Constructive aspects of reflective abstraction in advanced mathematical thinking. In Leslie P. Steffe, editor, *Epistemological Foundations of Mathematical Experience*, Recent Research in Psychology, pages 160–202. Springer–Verlag, 1991. ISBN 0-387-97600-0, 3-540-97600-0. HBZ: du(464), BIE(361).
- [7] E. Dubinsky. Reflective abstraction in advanced mathematical thinking. In David Tall, editor, *Advanced Mathematical Thinking*, Mathematics Education Library 11, pages 95–123, Dordrecht, 1991. Reidel; Kluwer Academic Publishers. ISBN 0-7923-1456-5. FL: UB Hagen 9208575 01. HBZ: fuh, pad, udo, DUE, BIE. D. Tall: Science Education Department, Univ. of Warwick.
- [8] E. Dubinsky. A learning theory approach to calculus. In Z. A. Karian, editor, *Symbolic Computation in Undergraduate Mathematics Education*, MAA Notes 24, pages 48–55, Washington, DC, 1992. MAA. FL: UB Bielefeld 100/3003839+1.
- [9] E. Dubinsky. Comments on James Kaput’s chapter (Democratizing access to calculus: new routes to old roots). In A. Schoenfeld, editor, *Mathematical Thinking and Problem Solving*, Studies in Mathematical Thinking and Learning, pages 157–171, Hillsdale, NJ, 1994. Lawrence Erlbaum Ass. FL: UB Trier 55 BB - C 12363. S. 161: Encapsulation (change from process to object), Transition from interobject to transobject (in the terminology of Piaget).
- [10] E. Dubinsky. On learning quantification. In M. S. Arora, editor, *Mathematics Education: The Present State of the Art*. UNESCO, 1994.
- [11] E. Dubinsky. A theory and practice of learning college mathematics. In A. Schoenfeld, editor, *Mathematical Thinking and Problem Solving*, Studies in Mathematical Thinking and Learning, pages 221–243, Hillsdale, NJ, 1994. Lawrence Erlbaum Ass. FL: UB Trier 55 BB - C 12363.
- [12] E. Dubinsky, F. Elterman, and C. Gong. The student’s construction of quantification. *For the Learning of Mathematics*, 8(2):44–51, 1988. FL: UB Bielefeld.
- [13] E. Dubinsky, J. Hawks, and D. Nichols. Development of the process conception of function in pre-service teachers in a discrete mathematics course. In C. Vergnaud, editor, *Proceedings of the 13th Annual Conference of the Psychology of Mathematics Education*, Paris, 1989. HB:.
- [14] E. Dubinsky and P. Lewin. Reflective abstraction and mathematical education: ... *J. of Mathematical Behavior*, 5:55–92, 1986. HB:.
- [15] Ed Dubinsky, editor. *Computers and the Teaching of Mathematics: a world view; selected papers on this theme from 6th International Congress on Mathematical Education, Budapest 1988*. The Shell Centre, Univ. of Nottingham, 1988. ISBN 0-906126-66-5. HBZ: du(464), BIE(361).
- [16] Ed Dubinsky, editor. *An Investigation of Students’ Understanding of Abstract Algebra: (Binary Operations, Groups and Subgroups)*, The Journal of Mathematical Behavior 16,3. Special Issue. Stamford, Conn.: Ablex, 1997. HBZ.
- [17] Ed Dubinsky, editor. *Readings in Cooperative Learning for Undergraduate Mathematics*, MAA notes 44. MAA, 1997. ISBN 0-88385-153-9. HBZ.
- [18] Ed Dubinsky and Rosemary Fraser, editors. *Computers and the Teaching of Mathematics, A World View (Selected Papers from 6th Intern. Congress on Mathematical Education, Budapest 1988)*. The Shell Centre, University of Nottingham, 1988. ISBN 0906126-66-5. FL: UB Duisburg 01 TMF 1197.
- [19] Ed Dubinsky and G. Harel, editors. *The Concept of Function: Aspects of Epistemology and Pedagogy*, MAA Notes 25. MAA, 1992. ISBN 0-88385-081-8. HBZ: pad(466), rpt, BIE(361).
- [20] Ed Dubinsky, J. Kaput, and A. H. Schoenfeld, editors. *Research in Collegiate Mathematics Education*, CBMS Issues in Mathematics Education 4. AMS, 1991. ISBN 0-8218-3504-1. HBZ 290, 361, 464, 465. FL UB Dortmund.
- [21] Ed Dubinsky and Uri Leron. *Learning Abstract Algebra with ISETL*. Springer–Verlag, 1994. HB: Bn1921.
- [22] Ed Dubinsky, Alan H. Schoenfeld, and Jim Kaput, editors. *Research in Collegiate Mathematics Education. IV*, CBMS Issues in Mathematics Education 8. ISSN 1047-398X. AMS, 2001. ISBN 0-8218-2028-1. Reklame mit Inhaltsangabe: Notices 84:2 (2001), 259.
- [23] Ed Dubinsky and Keith Schwingendorf. Constructing calculus concepts: Cooperation in a computer laboratory. In L. Carl Leinbach, editor, *The Laboratory Approach to Teaching Calculus*, MAA Notes 20, pages 47–70. MAA, 1991. ISBN 0-88385-074-5. **MB: 18 866**.

- [24] Ed Dubinsky, Keith E. Schwingendorf, and David M. Mathews. *Calculus, Concepts & Computers*. College Custom Series. McGraw–Hill, 1995. HBZ: BIE(361). ISBN 0-07-041033-X. FL: Hochschule für Technik, Wirtschaft und Sozialwesen Zittau/Görlitz 0096 6221.
- [25] William E. Fenton and Ed Dubinsky, editors. *Introduction to Discrete Mathematics with ISETL*. New York [u.a.]: Springer, 1996. ISBN 0-387-94782-5. HBZ. Vgl. [2].