

R. Gregory Taylor

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Education

Ph.D. (Philosophy), 1983, M.A. (Philosophy), 1979, Columbia University

M.S. (Computer Science), 1988, New York University

B.A. (Philosophy), 1973, University of Michigan

Areas of Specialization and Teaching Interests

Areas of Specialization: Philosophical Logic; Mathematical Logic; Philosophy of Logic and Mathematics; Logic and Computation; Theory of Computation; Automata Theory

Areas of Competence: Philosophy of Language; History of Twentieth-Century Philosophy; Philosophy of Science; Ancient Philosophy

Teaching Interests: All of the above plus Introductory Logic (taught numerous times), Symbolic Logic (taught twice), Critical Thinking (taught twice), Introductory Philosophy (taught numerous times), Introductory Ethics (taught once), Cognitive Science (taught once), and Environmental Ethics (taught once)

Work Experience

Substitute Assistant Professor (beginning Spring Semester 2012), Department of Philosophy, Baruch College, City University of New York (New York, NY)

Adjunct Professor, 2011–, Department of Philosophy, New Jersey City University (Jersey City, NJ)

Associate Professor, 2002–2009, Department of Mathematics and Computer Science, Manhattan College (Riverdale, NY)

Visiting Associate Professor, 1999–2002, Computer Science Department, Trinity College (Hartford, CT)

Adjunct Instructor, 2000–2001, Department of Computer and Information Science, Rensselaer Polytechnic Institute (Hartford, CT) [taught graduate Theory of Computation course for two semesters]

Chair (1996–99), Associate Professor with tenure (1995–99), Assistant Professor (1986–95), Department of Computer Science, New Jersey City University (Jersey City, NJ)

Instructor, Summer 1989, Department of Computer Science, Universidad Autónoma de Nicaragua (Managua) [taught Data Structures course (in Spanish) as TECNICA]

volunteer]

Mathematics Instructor, 1984–86, Hunter College Campus Schools (New York, NY)

Visiting Assistant Professor, 1983–84, Department of Philosophy, College of Charleston (Charleston, SC)

Major Publications

“Zermelo’s Analysis of ‘General Proposition’,” *History and Philosophy of Logic* **30** (2009) 141–55

“Symmetric Propositions and Logical Quantifiers,” *Journal of Philosophical Logic* **37** (2008) 575–91

“Zermelo’s Cantorian Theory of Systems of Infinitely Long Propositions,” *The Bulletin of Symbolic Logic* **8** (2002) 478–515

Models of Computation and Formal Languages (Oxford University Press: New York, 1998 [yet in print in 2012], 667 pages [reviewed by Ulrich Kohlenbach in *Computing Reviews* (ACM Press) **40** (1999) 146–47]

“Zermelo, Reductionism, and the Philosophy of Mathematics,” *Notre Dame Journal of Formal Logic* **34** (1993) 539–63

Other Publications

Introductory notes to documents *s1921*, *s1931g*, *1932a*, *1932b*, and *1935* as well as translation of *s1931g* in: Ernst Zermelo, *Collected Works*, Volume 1: *Set Theory, Miscellanea*, H.-D. Ebbinghaus and A. Kanamori, eds., (Springer-Verlag: Berlin and Heidelberg, 2010), pp. 302–307, 524–27, 529, 531–43

“LL Parsing, LR Parsing, Complexity, and Automata,” *Inroads (SIGCSE Bulletin)* **34** (2002) 71–75

“Motivating Church’s Thesis in the Twenty-First Century,” *Changing the Delivery of Computer Science Education: Conference Proceedings from the 6th Annual Conference on the Teaching of Computing/3rd Annual Conference on Integrating Technology into Computer Science Education, Dublin City University, Inroads* **30** (1998) 228–31

Published Reviews

Review of: *What Is Analytic Philosophy?* by Hans-Johann Glock (Cambridge University Press, 2008) [in *American Philosophical Association Newsletter on Teaching Philosophy* **11** [1] (Fall 2011) 14–15]

Review of: *Combinatorial Designs: Constructions and Analysis* by Douglas R. Stinson (Springer, 2004) [in *SIGACT News* **39** [4] (2008) 17–21]

Review of: *Combinatorics of Permutations* by Miklós Bóna (Chapman and Hall/CRC, 2004) [in *SIGACT News* **39** [4] (2008) 21–25]

Review of: *Church's Thesis after Seventy Years* by Adam Olszewski, Jan Woleński, and Robert Janusz, eds. (Ontos, 2006) [in *The Review of Modern Logic* **11** (2007–2008) 195–204]

Review of: Two recent articles by H.-D. Ebbinghaus concerning materials in the Zermelo archive at Freiburg [in *The Bulletin of Symbolic Logic* **10** (2004) 590–92]

Review of: *Boolean Functions and Computation Models* by Peter Clote and Evangelos Kranakis (Springer, 2001) [in *SIGACT News* **35** [4] (2004) 5–11]

Review of: *The Classical Decision Problem* by Egon Börger, Erich Grädel, and Yuri Gurevich (Springer, 2001) [in *The Review of Modern Logic* **9** (2004) 181–90]

Review of: *Modern Computer Algebra* by Joachim von zur Gathen and Jürgen Gerhard (Cambridge University Press, 1998) [in *SIGACT News* **33** [3] (2002) 7–14]

Review of: *Real Numbers, Generalizations of the Reals, and Theories of Continua* by Philip Ehrlich (Kluwer, 1994) [in *The Review of Modern Logic* **8** (1998–2000) 195–212]

Public Talks

“Stoic Semantic Theory and the Principle of Interchangeability of Co-referential Terms,” Department of Philosophy Colloquium, William Paterson University (Wayne, NJ), November 3, 2011

“Stoic Semantic Theory and the Principle of Interchangeability of Co-referential Terms,” Twenty-Ninth Meeting of the Society for Ancient Greek Philosophy (New York), October 23, 2011

“Symmetric Propositions and Second-Order Logic,” Association for Symbolic Logic (ASL) Summer Meeting (Bern), July 8, 2008 [abstract in *The Bulletin of Symbolic Logic* **15** (2009) 130]

“Symmetric Propositions and First-Order Languages,” ASL Annual Meeting (Gainesville), March 12, 2007 [abstract in *The Bulletin of Symbolic Logic* **13** (2007) 404]

“Symmetric Propositions and Logical Quantifiers,” ASL Winter Meeting (New Orleans), January 7, 2007 [abstract in *The Bulletin of Symbolic Logic* **13** (2007) 381]

“An Ordinal-Theoretic Characterization of Definite Relations,” ASL Annual Meeting (Montreal), May 19, 2006 [abstract in *The Bulletin of Symbolic Logic* **13** (2007) 141]

“Symmetric Propositions and Quantification,” CUNY Logic Workshop, November 5, 2004 [website announcement and abstract at <http://nylogic.org/Workshop/Fall2004>]

"Zermelo's Analysis of Generality," Twelfth International Congress of Logic, Methodology and Philosophy of Science (Oviedo, August 7–13, 2003), August 12, 2003 [abstract in *Volume of Abstracts* 134]

"Symmetric Propositions over Finite Domains," at the ASL Annual Meeting (Las Vegas), June 1, 2002 [abstract in *The Bulletin of Symbolic Logic* **9** (2003) 68]

"Symmetrische und kategorische Sätze," at Colloquium logicum 2000 (Dresden), September 22, 2000

"On Symmetry and Categoricity," at Colloquium logicum 98 (Berlin), August 28, 1998

Grants

Park City Mathematics Institute (Mathematical Biology), Park City, UT, June 26–July 16, 2005

NEH Summer Seminar (Proofs and Refutations in Mathematics Today), Case Western Reserve University, University Heights, OH, June 25–August 3, 2001

Institute for Advanced Study/Park City Mathematics Institute (Computational Complexity Theory), Princeton, NJ, July 16–August 5, 2000

Reconnect '98 (Computational Molecular Biology and Network Visualization), Discrete Mathematics and Computer Science (DIMACS), Rutgers University, New Brunswick, NJ, July 6–17, 1998

Professional Organizations

Member, American Philosophical Association

Member, Association for Symbolic Logic

Member, Association for Computing Machinery,

Other Interests

Speaker of French, German, Japanese, and Spanish; student of those literatures
Student of Latin and Attic Greek

Amateur pianist with an interest in contemporary music