

MAIN PUBLICATIONS

Complete publications are found in [CURRICULUM VITAE](#)

BOOKS (authored):

2006 *Reading Bohr: Physics and Philosophy* (Berlin: Springer Verlag), series *Fundamental Theories in Physics* (forthcoming)

2002 *The Knowable and the Unknowable: Modern Science, Nonclassical Thought, and the "Two Cultures,"* Ann-Arbor, Mich.: University of Michigan Press

1994 *Complementarity: Anti-Epistemology After Bohr and Derrida,* Durham, NC.: Duke University Press

1993 *In the Shadow of Hegel: Complementarity, History and the Unconscious,* Gainesville, FL.: University Press of Florida

1993 *Reconfigurations: Critical Theory and General Economy,* Gainesville, FL.: University Press of Florida

BOOKS (edited):

2003 *Idealism without Absolutes: Philosophy and Romantic Culture,* co-edited with Tilottama Rajan, Albany, NY: SUNY Albany Press

1997 *Mathematics, Science, and Post-Classical Theory,* co-edited with Barbara Herrnstein Smith, Duke University Press (originally published as a Special Issue of *South Atlantic Quarterly* Vol. 94, No. 2, Spring 1995)

REPRESENTATIVE ARTICLES:

"Manifolds: On the Concept of Space in Riemann and Deleuze," in *Virtual Mathematics*, ed. Simon Duffy (Manchester, UK: Clinamen Press, 2005)

"Community and Singularity, with Immanuel Kant and Paul de Man," in *Romantic Circle Praxis Series* (May 2005)

"'In Principle Observable': Werner Heisenberg's Discovery of Quantum Mechanics and Romantic Imagination," *Parallax* (2004), 10, no.3

"Mysteries without Mysticism and Correlations with Correlata: On Quantum Knowledge and Knowledge in General," *Foundations of Physics* (November 2003)

"Points and Counterpoints: Between Hegel and Derrida," in *Questioning Derrida*, ed. Michel Meyer (Hampshire, GB.: Ashgate, 2000)

"All Shapes of Light: The Quantum Mechanical Shelley," in *Shelley: Poet and Legislator of the World*, eds. Stuart Curran and Betty Bennett (Baltimore: Johns Hopkins University Press, 1995)

SELECTED ARTICLES (by areas of research: continental philosophy and critical theory; English and European Romanticism; and philosophy of physics and quantum theory):

CONTINENTAL PHILOSOPHY AND CRITICAL THEORY

"Manifolds: On the Concept of Space in Riemann and Deleuze," in *Virtual Mathematics*, ed. Simon Duffy, Manchester, UK: Clinamen Press, 2005

"Community and Singularity, with Immanuel Kant and Paul de Man," in *Romantic Circle Praxis Series* (May 2005)

"Thinking Difference: Interview with Julian Wolfreys," in *Thinking Difference: Critiques in Conversations*, ed. Julian Wolfreys, New York: Fordham University Press, 2004

"Algebras, Geometries, and Topologies of The Fold: Deleuze, Derrida, and Quasi-Mathematical Thinking, with Leibniz and Mallarmé," in *Between Deleuze and Derrida*, ed. Paul Patton and John Protevi, New York: Continuum 2003

"Curvatures: Hegel and the Baroque," in *Idealism without Absolutes: Philosophy and Romantic Culture*, ed. Arkady Plotnitsky and Tilottama Rajan (SUNY Albany Press 2003)

"The Effects of the Unknowable: Materiality, Epistemology, and the General Economy of the Body in Bataille," *Parallax* **18** (Winter 2001)

"Algebra and Allegory: Nonclassical Epistemology, Quantum Theory and the Work of Paul de Man," in *Material Events*, eds. Barbara Cohen, Thomas Cohen, J. Hillis Miller, and Andrzej Warminski (Minneapolis: University of Minnesota Press, 2000)

"Points and Counterpoints: Between Hegel and Derrida," in *Questioning Derrida*, ed. Michel Meyer (Hampshire, GB.: Ashgate, 2000)

ENGLISH AND EUROPEAN ROMANTICISM

“‘In Principle Observable’: Werner Heisenberg’s Discovery of Quantum Mechanics and Romantic Imagination,” *Parallax* (2004), 10, no.3

“Beyond the Inconsumable: The Catastrophic Sublime and the Destruction of Literature in Keats and Shelley,” in *Eating Romanticism: Cultures of Taste/Theories of Appetite*, ed. Timothy Morton, London: Palgrave 2003

“Chaosmic Orders: Nonclassical Physics, Allegory, and the Epistemology of Blake’s Minute Particulars,” *Romantic Circles Practice Series* (March 2001)

“A Dancing Arch: Formalism and Singularity in Kleist, Shelley, and de Man,” *International Romantic Review*, Winter 1998

“All Shapes of Light: The Quantum Mechanical Shelley,” in *Shelley: Poet and Legislator of the World*, eds. Stuart Curran and Betty Bennett (Baltimore: Johns Hopkins University Press, 1995)

PHILOSOPHY OF PHYSICS AND QUANTUM THEORY

“On the Precise Definition of Quantum Variables and the Relationships between Mathematics and Physics in Quantum Theory,” *Foundations of Physics* (January 2006)

“‘This is an Extremely Funny Things, Something Must be Hidden behind that’: Quantum Waves and Quantum Probability with Erwin Schrödinger” in *Quantum Theory: Reexamination of Foundations 3*, ed. Andrei Khrennikov, Melville, NY: American Institutes of Physics, 2005

“Mysteries without Mysticism and Correlations with Correlata: On Quantum Knowledge and Knowledge in General,” *Foundations of Physics* (November 2003)

“Quantum Atomicity and Quantum Information: Bohr, Heisenberg, and Quantum Mechanics as an Information Theory,” in *Quantum Theory: Reexamination of Foundations*, ed. Andrei Khrennikov (Växjö, Sweden: Växjö University Press, 2002)

“Disciplinarity and Radicality: Quantum Theory and Nonclassical Thought at the Fin de Siècle, and as Philosophy of the Future,” *Disciplinarity at the Fin-de-*

Siècle, eds. Amanda Anderson and Joseph Valente (Princeton, NJ: Princeton University Press, 2001)

“Reading Bohr: Complementarity, Epistemology, Entanglement, and Decoherence,” in *Decoherence and its Implications in Quantum Computation and Information Transfer* (NATO Science Series) eds. Antonios Gonis and Patrice E. A. Turchy (Amsterdam: IOS Press, 2001)

“Discourse, Mathematics, Demonstration and Science in Galileo's *Discourses Concerning Two New Sciences*” (co-authored with David Reed), *Configurations* (Winter 2001)

“Techno-atoms: The Ultimate Constituents of Matter and the Question Concerning Technology in Quantum Mechanics,” *Tekhnema: Journal of Philosophy and Technology* (Winter-Spring 1999)