

Robert Emmett Bradley – Selected Bibliography

Books

1. R. E. Bradley, C. E. Sandifer, *Cauchy's Cours d'analyse: An Annotated Translation*, Springer, September 2009.
2. R. E. Bradley, L. A. D'Antonio, C. E. Sandifer, editors, *Euler at 300: An Appreciation*, Mathematical Association of America, August 2007.
3. R. E. Bradley, C. E. Sandifer, editors, *Leonhard Euler: Life, Work and Legacy*, Elsevier, January 2007.

Refereed Publications

1. T. J. Bannon, R.E. Bradley, "Mind the Gap," *College Math J.*, **39** (2008), 95-101.
2. R. E. Bradley, "The Curious Case of the Bird's Beak," *International J. Math. Comp. Sci.*, **1** (2006), 243-268.
3. _____, "The Nodding Sphere and the Bird's Beak: D'Alembert's Dispute with Euler," *Convergence*, (MAA Online Magazine on the History of Mathematics and Its Uses in Teaching), mathdl.maa.org, January 2006.
4. R. E. Bradley, R. Thiele, "Gespräch mit Peter D. Lax," *Mitteilungen der DMV*, **13** (2005), 90-96.
5. P. R. Allaire, R. E. Bradley, "Symbolical Algebra as a Foundation for Calculus: D. F. Gregory's Contributions," *Historia Mathematica*, **29** (2002), 395-427.
6. L. Chrysafi, R. E. Bradley, "Returns to the Origin for Random Walks on \mathbf{Z} ," *Missouri J. Math. Sci.* **14** (2002), 96-107.
7. R. E. Bradley, S. Windwer, "Loop-erased self-avoiding random walks in four and five dimensions," *J. Computational Chemistry*, **17** (1996), 1750-1756.
8. _____, "The dynamic algorithm for loop-erased self-avoiding random walks in two and three dimensions," *Phys. Rev. E* **51** (1995), 241-244.
9. R. E. Bradley, "Pseudospectral operators and the pointwise ergodic theorem," *Proc. Amer. Math. Soc.*, **112** (1991), 863-870.
10. _____, "On induced operators," *Canad. J. Math.*, **43** (1991), 477-494.
11. M. A. Akcoglu, R. E. Bradley, "Alternating sequences and induced operators," *Trans. Amer. Math. Soc.* **325** (1991), 765-791.

Book Chapters

1. R. E. Bradley, "The Genoese Lottery and the Partition Function," in *Euler at 300: An Appreciation*, R. E. Bradley, L. A. D'Antonio, C. E. Sandifer, editors, Mathematical Association of America, 2007, 203-215.
2. _____, "Three Bodies? Why not Four? The Motion of the Lunar Apsides," in *Euler at 300: An Appreciation*, R. E. Bradley, L. A. D'Antonio, C. E. Sandifer, editors, Mathematical Association of America, 2007, 227-238.

3. R. E. Bradley, L. D'Antonio, C. E. Sandifer, "Introduction," in *Euler at 300: An Appreciation*, R. E. Bradley, L. A. D'Antonio, C. E. Sandifer, editors, Mathematical Association of America, 2007, ix-xiii.
4. R. E. Bradley, "Euler, d'Alembert and the Logarithm Function," in *Leonhard Euler: Life, Work and Legacy*, R. E. Bradley, C. E. Sandifer, editors, Elsevier, 2007, 255-277.
5. C. E. Sandifer, R. E. Bradley, "Introduction," in *Leonhard Euler: Life, Work and Legacy*, R. E. Bradley, C. E. Sandifer, editors, Elsevier, 2007, 1-4.
6. R. E. Bradley, "Concerning induced operators and alternating sequences," in *Almost Everywhere Convergence II*, A. Bellow & R. Jones, eds., Academic Press, 1991, 85-92.

Conference Proceedings

1. R.E. Bradley, "Cauchy's Analysis: A Break with the Past?" *Proc. Canadian Society for the History and Philosophy of Mathematics (CSHPM)*, **21** 2009 (2008), pp. 36-52.
2. _____, "Euler's Resolution of Cramer's Paradox," *Proc. CSHPM*, **20** 2008 (2007), pp. 48-58.
3. _____, "Propriety, Priority and Polemic: Disputes in the Euler-d'Alembert Correspondence," *Proc. CSHPM*, **15** 2003 (2002), 22-35.
4. _____, "The Origins of Linear Operator Theory in the Work of François-Joseph Servois," *Proc. CSHPM*, **14** 2002 (2001), 1-15.