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Published or accepted for publication

- The Semigeostrophic Equations Discretized in reference and dual variables. (M. Cullen and G. Pisante) Arch. Rat. Mech. Analysis (to appear).
- Hamiltonian ODE's in the Wasserstein space of probability measures. (L. Ambrosio) Comm. Pure Applied Math. (to appear)
- Existence of Optimal Maps in the Reflector-type Problems. (V. Oliker) COCV, ESAIM (to appear).
- Extension Theorems for Vector Valued Maps. (B. Dacorogna). Jour. Math Pure Appliques (9), 85, no. 3, 313–344, 2006.
- On some nonlocal variational problems. (M. Chipot and B. Kawohl). Anal. Appl. (Singap.) 4, no. 4, 345–356, 2006.
- Diffeomorphisms and Nonlinear Heat Flows. (L.C. Evans and O. Savin). SIAM Math Ana., 37, no. 3, 737–751 (electronic) 2005.
- On the solution of a model Boltzmann equation via constrained steepest ascent in a Wasserstein metric. (E. Carlen). Arch. Rational Mech. Ana., 172, no. 1, 21–64, 2004.
- Inequalities for generalized entropy and optimal transportation. (D. Cordero and C. Houdre;). Comtemporary Mathematics, AMS Vol 353, 2004.
- Constrained Steepest Descent in the 2–Wasserstein Metric. (E. Carlen). Annals of Mathematics. Vol 157, 3, 2003.
- L^p –Approximation of maps by diffeomorphisms. (Y. Brenier) Cal. Variations and PDE, 16 (2003), no. 2, 147–164.
- A Variational Approach for the 2-D Semi-Geostrophic Shallow Water Equations. (M. Cullen) Arch. Rat. Mech. and Anal., 2001.
- Uniqueness of Equilibrium Configurations in Solid Crystals. (R. Van der Putten) SIAM Math. Anal. no 3, 465–492, 2000.
- Shape Recognition via Wasserstein Distance. (R. McCann) Quarterly Appl. Math., no 4, 705–737, 2000.
- Geometric Restrictions for the Existence of Viscosity Solutions. (P. Cardarliquet et al.) Ann. Inst. Henri Poincare, 189–220, 1999.
- Differential Methods for the the Monge-Kantorovich Mass Transfer Problems. (L.C. Evans) Memoirs of AMS., no 653, vol. 137, 1999.
- The Monge Mass Transfer Problems and Its Applications. NSF-CBMS Conference. Contemporary Mathematics, Vol 226 (1999).

- Optimal Maps for the Multidimensional Monge-Kantorovich Problem. (A. Swiech) *Commu. Pure Applied Math.*, 23–45, 1998.

Submitted

- Michell Trusses and Lines of Principal Actions. (G. Bouchitte and P. Seppecher)

Lecture Notes

- Carnegie Mellon 2004 Summer Institute .