

References

- [AD54] Kenneth J. Arrow and Gerard Debreu. Existence of an equilibrium for a competitive economy. *Econometrica*, 22(3):265–290, July 1954.
- [CJVV04] Bruno Codenotti, Kamal Jain, Kasturi R. Varadarajan, and Vijay V. Vazirani. Market equilibrium for scalable utilities and production models via variational calculus. Manuscript, 2004.
- [CV04] Bruno Codenotti and Kasturi R. Varadarajan. Efficient computation of equilibrium prices for markets with leontief utilities. In *ICALP*, volume 3142 of *Lecture Notes in Computer Science*, pages 371–382. Springer, 2004.
- [DPS03] Xiaotie Deng, Christos Papadimitriou, and Shmuel Safra. On the complexity of price equilibria. *Journal of Computer and System Sciences*, 67(2):311–324, September 2003.
- [DPSV] Nikhil R. Devanur, Christos H. Papadimitriou, Amin Saberi, and Vijay V. Vazirani. Market equilibrium via a primal-dual-type algorithm. Corrected version of [DPSV02], available from <http://www.cc.gatech.edu/~nikhil/pubs/AD/market-full.pdf>.
- [DPSV02] Nikhil R. Devanur, Christos H. Papadimitriou, Amin Saberi, and Vijay V. Vazirani. Market equilibrium via a primal-dual-type algorithm. In *FOCS*, pages 389–395. IEEE Computer Society, 2002.
- [DV03] Nikhil R. Devanur and Vijay V. Vazirani. An improved approximation scheme for computing Arrow-Debreu prices for the linear case. In Paritosh K. Pandya and Jaikumar Radhakrishnan, editors, *FSTTCS*, volume 2914 of *Lecture Notes in Computer Science*, pages 149–155. Springer, 2003.
- [DV04] Nikhil R. Devanur and Vijay V. Vazirani. The spending constraint model for market equilibrium: Algorithmic, existence and uniqueness results. In László Babai, editor, *STOC*, pages 519–528. ACM, 2004.
- [Eav85] B.C. Eaves. Finite solution of pure trade markets with cobb-douglas utilities. *Mathematical Programming Study*, 23:226–239, 1985.
- [EG59] Edmund Eisenberg and David Gale. Consensus of subjective probabilities: the pari-mutuel method. *Annals of Mathematical Statistics*, 30(1):165–168, March 1959.

- [Fis95] Irving Fisher. Mathematical investigation in the theory of value and prices. In *Transactions of the Connecticut Academy of Arts and Sciences*, volume 9, pages 1–124. Morehouse & Taylor Press, 1892–1895.
- [JMS03] Kamal Jain, Mohammad Mahdian, and Amin Saberi. Approximating market equilibria. In Sanjeev Arora, Klaus Jansen, José D. P. Rolim, and Amit Sahai, editors, *RANDOM-APPROX*, volume 2764 of *Lecture Notes in Computer Science*, pages 98–108. Springer, 2003.
- [Var92] H. Varian. *Microeconomic Analysis*. W.W. Norton, New York, 1992.
- [Vaz04] Vijay V. Vazirani. Market equilibrium when buyers have spending constraints. Manuscript, 2004.
- [Wal54] Léon Walras. *Elements of Pure Economics or the Theory of Social Wealth*. Irwin for The American Economic Association and The Royal Economic Society, Homewood, Ill., 1954. Translated by William Jaffé.
- [Ye04] Yinyu Ye. A path to the Arrow-Debreu competitive market equilibrium. Manuscript, April 2004.