

# Publications of László Lovász

January 2011

## Books:

1. Lovász L., Pelikán J., Vesztergombi K.: *Kombinatorika*, Tankönyvkiadó, Budapest, 1977 (German translation: Teubner, 1977; Japanese translation: 1985)
2. Gács P., Lovász L.: *Algoritmusok*, Műszaki Könyvkiadó, Budapest, 1978; Tankönyvkiadó, Budapest, 1987.
3. L. Lovász: *Combinatorial Problems and Exercises*, Akadémiai Kiadó - North Holland, Budapest, 1979 (Japanese translation: Tokai Univ.Press, 1988; Hungarian translation: Typotech, 1999; Second edition: North-Holland Publishing Co., Amsterdam, 1993. Reprinted by AMS Chelsea Publishing, 2007).
4. L. Lovász, M.D. Plummer: *Matching Theory*, Akadémiai Kiadó - North Holland, Budapest, 1986 (Russian translation: Mir, 1998; reprinted by AMS Chelsea Publishing, 2009).
5. L. Lovász: *An Algorithmic Theory of Numbers, Graphs, and Convexity*, CBMS-NSF Regional Conference Series in Applied Mathematics **50**, SIAM, Philadelphia, Pennsylvania 1986.
6. M. Grötschel, L. Lovász, A. Schrijver: *Geometric Algorithms and Combinatorial Optimization*, Springer, 1988; Chinese edition: World Publishing Corp., Beijing, 1990.
7. B. Korte, L. Lovász, R. Schrader: *Greedoids*, Springer, 1991.
8. R. Graham, , M. Grötschel, L. Lovász (eds.): *Handbook of Combinatorics* Elsevier Science B.V. (1995) 1740–1748.
9. L. Lovász, J. Pelikán, K. Vesztergombi: *Discrete Mathematics: Elementary and Beyond*, Springer, New York (2003); Portuguese translation: Sociedade Brasileira de Matemática, Rio de Janeiro (2005); German Translation: Springer, Heidelberg (2005); Hungarian Translation: Typotex, Budapest (2006).
10. L. Lovász: *Large networks and graph limits*, Amer. Math. Soc. (to appear, 2012).

## Research papers:

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12. L. Lovász: A generalization of König's theorem, *Acta Math. Hung.* **21** (1970), 443-446.
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