

# Publications of László Lovász

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## Books:

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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. Chinese translation: CIP 2017).
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.
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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).
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### Research papers:

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3. L. Lovász: On connected sets of points, *Annales Univ. R. Eötvös* **10** (1967), 203-204.
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5. L. Lovász: Operations with structures, *Acta Math. Hung.* **18** (1967), 321-328.
6. L. Lovász: Graphs and set-systems, in: *Beiträge zur Graphentheorie*, Teubner, Leipzig (1968), 99-106.
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9. Lovász L.: Kapcsolatok polinomoknak és helyettesítési értékeiknek számelméleti tulajdonságai között, *Mat. Lapok* **20** (1969), 129-132.
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18. L. Lovász: On the number of halving lines, *Annales Univ. Eötvös* **14** (1971), 107-108.
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20. L. Lovász: On the structure of factorizable graphs, *Acta Math. Hung.* **23** (1972), 179-195.
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