

Arkadi Nemirovski

John Hunter Chair and Professor
School of Industrial and Systems Engineering
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(on leave from the Technion – Israel Institute of Technology)

Professional position, career and research interests:

M.Sc. and Ph.D. (Math.) from Moscow State University

John Hunter Chair and Professor, School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, Georgia, USA (since 2005) on leave from the Technion – Israel Institute of Technology, Haifa, Israel, where I am since 1993 and hold position of Mannie and Nettie Fisher Academic Chair and Professor. Before 1993, I held various research positions in Moscow, USSR/Russia.

My field of primary research interests is Convex Optimization, with emphasis on investigating complexity and design of efficient convex optimization algorithms, and on developing Robust Optimization.

I was awarded by

- 1982 Fulkerson Prize of the Mathematical Programming Society and AMS (*with L. Khachiyan and D. Yudin*)
for inventing the Ellipsoid method and thus contributing to the proof of polynomial time solvability of Linear Programming
<http://www.mathprog.org/prz/fulkerson.htm#winner>

- 1991 Dantzig Prize of the Mathematical Programming Society and SIAM (*with M. Grötschel*)
for contributions to Mathematical Programming, including investigating limits of performance of convex optimization methods and developing novel efficient algorithms
<http://www.mathprog.org/prz/dantzig.htm#winner>

- 2003 John von Neumann Theory Prize of INFORMS (*with M. Todd*)
for contributions to Mathematical Programming, including those to the general theory of polynomial time interior point methods and to discovery and development of Robust Optimization
<http://www.informs.org/Prizes/vonNeumannDetails.html#2003>