Arkadi Nemirovski

Mr. Chancellor, I present Arkadi Nemirovski.

For more than thirty years, Arkadi Nemirovski has been a leader in continuous optimization. He has played central roles in three of the major breakthroughs in optimization, namely, the ellipsoid method for convex optimization, the extension of modern interior-point methods to convex optimization, and the development of robust optimization. All of these contributions have had tremendous impact, going significantly beyond the original domain of the discoveries in their theoretical and practical consequences.

In addition to his outstanding work in optimization, Professor Nemirovski has also made major contributions in the area of nonparametric statistics. Even though the most impressive part of his work is in theory, every method, every algorithm he proposes comes with a well-implemented computer code.

Professor Nemirovski is widely admired not only for his brilliant scientific contributions, but also for his gracious humility, kindness, generosity, and his dedication to students and colleagues.

Professor Nemirovski has held chaired professorships and many visiting positions at top research centres around the world, including an adjunct professor position in the Department of Combinatorics and Optimization at Waterloo from 2000-2004.

Since 2005, Professor Nemirovski has been John Hunter Professor in the School of Industrial and Systems Engineering at the Georgia Institute of Technology. Among many previous honours, he has received the Fulkerson Prize from the American Mathematical Society and the Mathematical Programming Society in 1982, the Dantzig Prize from the Society for Industrial and Applied Mathematics and the Mathematical Programming Society in 1991, and the John von Neumann Theory Prize from the Institute for Operations Research and the Management Sciences in 2003.

Mr. Chancellor, in recognition of his outstanding contributions to continuous optimization and operations research, I request that you confer the degree, Doctor of Mathematics, *honoris causa*, upon Arkadi Nemirovski.