[Taussky-Todd]
Taussky-Todd Lecture

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Geršgorin and His Circles

In my recent book, with the same title (Springer, 2004), I called attention to the earlier work of Olga Taussky and John Todd in this area, and their impact on the area of numerical linear algebra. In this lecture, I will show the impact of a specific result of Olga Taussky in this area, and some recent results that are based on it, as in the determination of the minimal Gersgorin set of a matrix.

Tuesday,
March 6, 2007

4:15pm
Room 151 Sloan

on the
CALTECH CAMPUS

Dr. Varga received a B.S. in Mathematics from the Case Institute of Technology in 1950, an A.M. in Mathematics from Harvard University in 1951, and a Ph.D. in Mathematics from Harvard in 1954. From 1954 until 1960, he worked for Westinghouse Electric Corporation, Bettis Atomic Power Laboratory (Pittsburgh). Since 1960, he has held over 25 academic posts, including his current position as Research Director of the Institute for Computational Mathematics at Kent. Dr. Varga has published over 200 papers, written 7 books (which have been translated into 6 foreign languages), edited 5 additional books, organized 20 international conferences, and advised 25 Ph.D. graduate students. His most recent book is "Geršgorin and His Circles", published by Springer-Verlag.

He is currently a University Professor in the Department of Mathematical Sciences at Kent State University in Kent, Ohio. The Institute for Computational Mathematics is where he is Research Director along with Professor Paul S. Wang. Dr. Varga also is Editor-in-Chief for the online electronic journal ELECTRONIC TRANSACTIONS ON NUMERICAL ANALYSIS.

For further details, go to the Mathematics Department website at:
http://math.caltech.edu/events/07tausskytodd.html

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between Wilson and Arden
The Sloan building is located directly across the street.