

Matrix Computations & Scientific Computing Seminar

Organizer: James Demmel & Ming Gu

Wednesday, 12:10–1:00pm, 380 Soda

Feb. 29 **W. Kahan**, Prof. Emeritus, UCB

A half-century's Quest to compute Accurate Singular Values quickly

Some of the history of singular values, and unexpected difficulties encountered by a program to compute them accurately and quickly, will be explored without becoming bogged down in complexities that undermine confidence in a program's correctness.