

Computer System Support for Scientific and Engineering Computation

aka

UC Berkeley CS 279

aka

The Floating Point Indoctrination Lectures

Prof. William Kahan, May-July 1988

The folder enclosing this cover letter contains a re-creation of a one-time course for academic and industry students. Some 88 students registered. Several attended remotely via VCR recordings. Attendees took turns publishing notes for each lecture. David Hough, who coordinated the lectures at Sun Microsystems in Mountain View, California, distributed over two thousand pages of handouts.

It's all here, in digital form.

Each of the 27 lectures has a MOV video file (spilling into a second file in a few cases). Each lecture also has a set of notes, often with reproductions of the overhead transparencies the speaker used. Each of these files has a name of the form *Lecture_xx_...*

Some 200 other handouts appear with names like *Author_Title*. The speakers, and sometimes the lecture notes, refer to the handouts by name, as needed.

By way of a listener's guide, a newcomer is obviously encouraged to watch one or both of the first two overview lectures to get the lay of the land. To shop by topic, refer to *Class_Schedule_final_2024* for a rough list of topics by lecture.

Jerome Coonen pulled together this re-creation, with help from Jim Thomas, Paul McJones, David Hough, Stuart McDonald, and of course Prof. Kahan.

Good luck!