

The Origin and Evolution of MATLAB

Cleve Moler
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Abstract

Cleve Moler, Chief Mathematician, original author of MATLAB, and one of the founders of MathWorks, shares his story about the history of MATLAB and his inspiration for authoring MathWorks foundation product. This one-hour presentation will explore the evolution of MATLAB over the past 25 years, from a simple matrix calculator to a powerful technical computing environment. Cleve demonstrates his original Fortran MATLAB and also shows his current project, Experiments with MATLAB.

Keynote Speaker

Cleve Moler, MathWorks

Cleve Moler is chairman and chief scientist at MathWorks. Moler was a professor of math and computer science for almost 20 years at the University of Michigan, Stanford University, and the University of New Mexico. He spent five years with two computer hardware manufacturers, the Intel Hypercube organization and Ardent Computer, before joining MathWorks full-time in 1989.

In addition to being the author of the first version of MATLAB, Moler is one of the authors of the LINPACK and EISPACK scientific subroutine libraries. He is coauthor of three textbooks on numerical methods