

- Nick is "the Cowboy approach" as opposed to Warwick "rigorous approach"
- The focus is computing with functions rather than computing with numbers and chebfun is a shorthand for Chebyshev functions.
- Chebyshev is for non-periodic functions what Fourier is for periodic functions
- "Equally spaced points is awful for polynomial interpolation." It is known ~~as~~ and called the Runge phenomenon, 1900
- "Chebyshev points correspond to a minimum energy distribution of a set of electrons"
- Numerical Analysis: comp./algo. of continuous math
- Comput. Science: comp./algo. of discrete math
- History:

MATLAB

- > 1980: computers, num. analysis
- > 1970: software EISPACK, LINPACK in Fortran
- > 1978: Møller writes interface "Matlab" - interactive
- Dec. 1984: MathWorks founded
- Feb. 1985: first sale of Matlab (Nick was there!)
- > 1990s: key tools for comput. science

CHEBFUN

- > 1990s: object-oriental programming
- > 2002: Chebfun overhauls Matlab objects to continuous analogues
- > 2014: version 5 is released on Github.