It is common practice to develop a library of solvers rather than a single algorithm for solving ODEs.

- These solvers have many features in common, across multiple developers and languages.
- LSODE (Livermore Solver for Ordinary Differential Equations)
  - Widely used and published.
  - Part of ODEPACK, written in FORTRAN.
- Numerical Recipes code makes it difficult to get solution at desired times.
  - Advice: Write your own (simple) front end for their front end.
- MATLAB has a variety of solvers: ode45, ode15i, ode113, ode23, ode23s, ode23t, ode23b.