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ODE problems. Examples are used throughout to show how to solve realistic problems. Matlab (2000) is used to solve nearly all these problems because it is a very convenient and widely used problem-solving environment (PSE) with quality solvers that are exceptionally easy to use. It is also such a high-level programming language that programs are

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Each of us has decades of experience solving ODEs in both academic and nonacademic settings. In this we have contributed to the subject well over 200 papers and half a dozen books, but we have long wanted to write a book that makes our experience in advising people on how to solve ODEs available to a wider audience. Solving ODEs with MATLAB

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