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Abstract: Although R is still predominantly applied for statistical analysis and graphical representation, it is rapidly becoming more suitable for mathematical computing. One of the fields where considerable progress has been made recently is the solution of differential equations. Here we give a brief overview of differential equations that can now be solved by R.

Here are step-by-step items for solving differential equations in R, and one can only presume things have gotten better since 2010.

Keywords: differential equation, solution, computer, R