Numerical Calculus Differentiation and Integration

...just the color figures for those who got the B&W printed book...

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Before the advent of sophisticated programs capable of performing calculus symbolically, numerical differentiation and integration provided a means of solving seemingly intractable equations. Numerical methods can still be an efficient means of solving many such problems, but the real advantage of *Numerical Calculus* will always be in solving those problems that have no closed-form solution—and these are legion. This book is filled with practical examples, code, and spreadsheets. I trust you will find it useful. I assume that you already have a command of analytical calculus and so I will jump right in to the numerical.

All of the examples contained in this book, (as well as a lot of free programs) are available at... http://www.dudleybenton.altervista.org/software/index.html



























