

# Google Search Rankings of Topics

The following are the Google search rankings of the resources at the Numerical Methods website.

The rankings are reported only if the item from the website is in the top ten.

Chapter	Topic as a Search Term	Google Ranking
Introduction to Numerical Methods	<a href="#">Introduction to Numerical Methods</a>	not on first page
	<a href="#">Measuring Errors</a>	3 of 2,720,000
	<a href="#">Sources of Error</a>	not on first page
	<a href="#">Binary Representation</a>	7 of 1,630,000
	<a href="#">Floating Point Representation</a>	10 of 7,160,000
	<a href="#">Propagation of Errors</a>	9 of 3,640,000
	<a href="#">Taylor Theorem</a>	not on first page
Differentiation	<a href="#">Primer on Differentiation</a>	1 of 2,790,000
	<a href="#">Numerical Differentiation of Continuous Functions</a>	1 of 196,000
	<a href="#">Numerical Differentiation of Discrete Functions</a>	6 of 123,000
Nonlinear Equations	<a href="#">Quadratic Equations</a>	not on first page
	<a href="#">Cubic Equations</a>	not on first page
	<a href="#">Bisection Method</a>	5 of 185,000
	<a href="#">Newton-Raphson Method</a>	5 of 466,000
	<a href="#">Secant Method</a>	6 of 95,200
Simultaneous Linear Equation	<a href="#">Introduction to Matrix Algebra</a>	3 of 1,050,000
	<a href="#">Gaussian Elimination</a>	8 of 292,000
	<a href="#">Gauss-Seidel Method</a>	4 of 208,000
	<a href="#">LU Decomposition</a>	5 of 671,000
Interpolation	<a href="#">Primer on Interpolation</a>	6 of 66,800
	<a href="#">Direct Method of Interpolation</a>	1 of 670,000
	<a href="#">Newton's Divided Difference Method of Interpolation</a>	3 of 29,300
	<a href="#">Lagrange Method of Interpolation</a>	1 of 494,000
	<a href="#">Spline Method of Interpolation</a>	4 of 1,430,000
Regression	<a href="#">Primer on Regression</a>	not on first page
	<a href="#">Linear Regression</a>	not on first page
	<a href="#">Nonlinear Regression</a>	not on first page

[Adequacy of Regression Models](#)

Integration

[Primer on Integral Calculus](#)

8 of 52,900

[Trapezoidal Rule](#)

8 of 196,000

[Simpson's 1/3rd Rule](#)

1 of 4,420,000

[Romberg Integration](#)

4 of 38,900

[Gauss Quadrature Rule](#)

3 of 454,000

[Discrete Data Integration](#)

1 of 1,880,000

[Improper Integration](#)

9 of 1,690,000

Ordinary  
Differential  
Equations

[Primer on Ordinary Differential Equations](#)

1 of 184,000

[Euler's Method](#)

10 of 158,000

[Runge-Kutta 2nd](#)

3 of 346,000

[Runge-Kutta 4th](#)

3 of 48,000

[Finite Difference Method](#)

9 of 6,290,000

[Shooting Method of Ordinary Differential Equations](#)

2 of 99,600

[Higher Order/Coupled Ordinary Differential  
Equations](#)

1 of 1,760,000