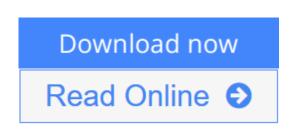# The New Turing Omnibus: Sixty-Six Excursions in Computer Science

By A. K. Dewdney

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No other volume provides as broad, as thorough, or as accessible an introduction to the realm of computer science as A. K. Dewdney's The Turing Omnibus.

For everyone from the curious beginner to the working professional, The New Turing Omnibus offers 66 concise, brilliantly written mathematically oriented articles on the major points of interest in computer science theory, technology, and applications. Foundational for this tour: information on algorithms, detecting primes, noncomputable functions, and self-replicating computers--plus fundamental sections on the Mandelbrot set, genetic algorithms, the Newton-Raphson Method, neural networks that learn, DOS systems for personal computers, and computer viruses.

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The New Turing Omnibus: Sixty-Six Excursions in Computer Science By A. K. Dewdney Bibliography

- Sales Rank: #58530 in Books
- Brand: Holt Paperbacks
- Published on: 1993-07-15
- Released on: 1993-07-15
- Original language: English
- Number of items: 1
- Dimensions: 9.34" h x 1.04" w x 6.52" l, 1.56 pounds
- Binding: Paperback
- 480 pages

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About the Author

A. K. Dewdney teaches computer science at the University of Western Ontario.

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