

*Librería*  
***Bonilla y Asociados***  
*desde 1950*



**Título:** Introduction To Computational Mathematics

**Autor:** Yang Xin-She

**Precio:** \$966.00

**Editorial:**

**Año:** 2008

**Tema:**

**Edición:** 1<sup>a</sup>

**Sinopsis**

**ISBN:** 9789812818171

This unique book provides a comprehensive introduction to computational mathematics, which forms an essential part of modern numerical algorithms and scientific computing. It uses a theorem-free approach with just the right balance between mathematics and numerical algorithms. It covers all major topics in computational mathematics with a wide range of carefully selected numerical algorithms, ranging from the root-finding algorithms, numerical integration, numerical methods of partial differential equations, finite element methods, optimization algorithms, stochastic models, to nonlinear curve-fitting and swarm optimization. Especially suitable for undergraduates and graduates in computational mathematics, numerical algorithms, and scientific computing, it can be used as a textbook and/or reference book.