

*Librería*  
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**Sinopsis**

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This groundbreaking handbook presents the only inexpensive numerical library available for the use of Java in scientific computation. It provides a library of Java-based procedures that perform fundamental mathematical computations critical to researchers. It includes procedural descriptions of linear algebra, the numerical solution of ordinary and partial differential equations, optimization, parameter estimation, and special functions of mathematical physics. The book includes test programs that allow researchers to execute the examples presented. Users can construct their own tests, apply the numeric procedures to them, and observe a successful computation or simulate failure.