



## Numerical Recipes in Fortran 90: Volume 2, Volume 2 of Fortran Numerical Recipes: The Art of Parallel Scientific Computing

By Press, William H.; Teukolsky, Saul A.; Vetterling, William T.; Flannery, Brian P.

Cambridge University Press, 1996. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. Introduction to Fortran 90 language features; 2. Introduction to parallel programming; 3. Numerical recipes utility functions for Fortran 90; Part I. Fortran 90 Code chapters: 4. Preliminaries; 5. Solution of linear algebraic equations; 6. Interpolation and extrapolation; 7. Integration of functions; 8. Evaluation of functions; 9. Special functions; 10. Random numbers; 11. Sorting; 12. Root finding and nonlinear sets of equations; 13. Minimization or maximization of functions; 14. Eigensystems; 15. Fast Fourier transform; 16. Fourier and spectral applications; 17. Statistical description of Data; 18. Modelling of data; 19. Integration of ordinary differential equations; 20. Two point boundary value problems; 21. Integral equations and inverse theory; 22. Partial differential equations; 23 Less-numerical algorithms; Part II. Appendices: 24. Listing of utility modules (nrtype and nrutil); 25. Listing of explicit interfaces; 26. Index of programs and dependencies.



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