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Linpack User Guide

This guide supports both the casual user of LINPACK who simply requires a library subroutine, and the specialist who wishes to modify or extend the code to handle special problems. It is also recommended for classroom work.

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LINPACK Users' Guide J.J. Dongarra , G.W. Stewart The authors of this carefully structured guide are the principal developers of LINPACK, a unique package of Fortran subroutines for analyzing and solving various systems of simultaneous linear algebraic equations and linear least squares problems.

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LINPACK users' guide - CORE

There are two categories of LINPACK benchmarks: solution of a particular linear equation system of order 100, using the original LINPACK software, and documented compilation options, and a 'towards peak performance' benchmark of order 1000, where competitors are permitted to rewrite, or even replace, the LINPACK code with highly optimized code that might even use a different algorithm ...

LINPACK: numerical library for linear equation solution

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LINPACK - Linear Algebra Library

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AMD CPU Libraries User Guide

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LINPACK is a software library for performing numerical linear algebra on digital computers.It was written in Fortran by Jack Dongarra, Jim Bunch, Cleve Moler, and Gilbert Stewart, and was intended for use on supercomputers in the 1970s and early 1980s. It has been largely superseded by LAPACK, which runs more efficiently on modern architectures.

LINPACK - Wikipedia

Each Users' Guide comes with a "Quick Reference Guide" card. - Hide Excerpt Since the release of version 2.0 of the LAPACK software and the second edition of the Users' Guide in 1994, LAPACK has been expanded further and has become an even wider community effort.

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LINPACK User's Guide, SIAM, 1979, ISBN13: 978-0-898711-72-1, LC: QA214.L56. Charles Lawson, Richard Hanson, David Kincaid, Fred Krogh, Algorithm 539, Basic Linear Algebra Subprograms for Fortran Usage, ACM Transactions on Mathematical Software, Volume 5 ...

LINPACK_C - Linear Algebra Library - Single Precision Complex

LINPACK is a package of programs for the solution of linear systems and related problems, such as least squares. LINPACK was developed over a period of three years, 1976- 1979, by the authors of the LINPACK User's Guide. It was intended to provide "a yardstick against which future mathematical

UNPACK User's Guide*

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