

Keywords in Context for the NAG Parallel Library

... processor when the matrix is distributed in the cyclic	2-d block fashion (NUMROC)	Z01CAFP
Real matrix generation and distribution in cyclic	2-d block fashion, used for F07 and F08 ScaLAPACK ...	F01ZQFP
Complex matrix generation and distribution in cyclic	2-d block fashion, used for F07 and F08 ScaLAPACK ...	F01ZVFP
1-d quadrature,	adaptive , finite interval, weight functions $\cos(\omega x)$ or ...	D01AXFP
1-d quadrature,	adaptive , finite interval, allowing for badly behaved ...	D01ATFP
1-d quadrature,	adaptive , finite interval, suitable for oscillating functions	D01AUFP
Returns or sets a unit number for	advisory messages	X04ABF
	All or selected eigenvalues of a real symmetric ...	F08JJFP
Safe range of real floating-point	arithmetic	X02AMF
Safe range of complex floating-point	arithmetic	X02ANF
Parameter of floating-point	arithmetic model, b	X02BHF
Parameter of floating-point	arithmetic model, e_{\max}	X02BLF
Parameter of floating-point	arithmetic model, e_{\min}	X02BKF
Parameter of floating-point	arithmetic model, p	X02BJF
Parameter of floating-point	arithmetic model, ROUNDS	X02DJF
... eigenvalues of a real symmetric tridiagonal matrix by	bisection (PDSTEBZ)	F08JJFP
... linear equations with multiple right-hand sides	(Black Box)	F04EBFP
... linear equations with multiple right-hand sides	(Black Box)	F04ECFP
... linear equations with multiple right-hand sides	(Black Box)	F04BFP
... linear equations with multiple right-hand sides	(Black Box)	F04FCFP
... linear least-squares problem multiple right-hand sides	(Black Box)	F04GBFP
... distribution in cyclic 2-d block fashion, used for F04	(Black Box) routines	F01ZSFP
... distribution in cyclic 2-d block fashion, used for F04	(Black Box) routines	F01ZXFP
... on a 2-d logical processor grid, used for the F04	(Black Box) routines	X04BVFP
... on a 2-d logical processor grid, used for the F04	(Black Box) routines	X04GBFP
... logical processor grid (Library Grid) and returns the	BLACS context	Z01AAFP
Undefines the logical processor grid and invalidates the	BLACS context initialised by Z01AAFP	Z01ABFP
Topology to be used by	BLACS for broadcasting and global operations	Z01BEFP
... non-distributed form) into an array in a cyclic 2-d	block distribution on 2-d logical processor grid, used ...	X04BCFP
... non-distributed form) into an array in a cyclic 2-d	block distribution on a 2-d logical processor grid, used ...	X04BVFP
... when the matrix is distributed in the cyclic 2-d	block fashion (NUMROC)	Z01CAFP
Real matrix generation and distribution in	block column fashion, used for F02 routines	F01ZRFP
Complex matrix generation and distribution in	block column fashion, used for F02 routines	F01ZWFP
Gathering of a	block distributed real vector used for F07 and ...	F01ZPFP
... non-distributed form) into an array in a cyclic 2-d	block distribution on 2-d logical processor grid, used ...	X04BRFP
Outputs a complex general matrix stored in a cyclic 2-d	block distribution on a 2-d logical processor grid to an ...	X04BSFP
Outputs a real general matrix stored in a cyclic 2-d	block distribution on a 2-d logical processor grid to an ...	X04BDFP
... non-distributed form) into an array in a cyclic 2-d	block distribution on a 2-d logical processor grid, used ...	X04BGFP
Real matrix generation and distribution in cyclic 2-d	block fashion, used for F07 and F08 ScaLAPACK routines	F01ZQFP
Complex matrix generation and distribution in cyclic 2-d	block fashion, used for F07 and F08 ScaLAPACK routines	F01ZVFP
... of real system of linear equations, involving a real	block diagonal sparse matrix, represented in ...	F11DBFP
	Cholesky factorization of a complex Hermitian ...	F07FRFP
	Cholesky factorization of a real symmetric ...	F07DFFP
Real matrix generation and distribution in block	column fashion, used for F02 routines	F01ZRFP
Complex matrix generation and distribution in block	column fashion, used for F02 routines	F01ZWFP
Row and	column indices of the root processor within the logical grid	Z01BAFP
Number of rows or	columns of a matrix held locally on a given processor ...	Z01CAFP
Estimate the	condition number of a real triangular matrix (PDTRCON)	F07TGFP
... symmetric system of simultaneous linear equations,	Conjugate Gradient method or a Lanczos method ...	F11GAFP
... symmetric system of simultaneous linear equations,	Conjugate Gradient method or a Lanczos method ...	F11GBFP
... symmetric system of simultaneous linear equations,	Conjugate Gradient method or a Lanczos method ...	F11GCFP
Identifies logical processors in	context in the 2-d grid declared by Z01AAFP	Z01BBFP
... distribution routine for real sparse matrices stored in	coordinate storage format	F01YAFP
... diagonal blocks of a real sparse matrix, represented in	coordinate storage format, distributed on a logical ...	F11DAFP
... a real block diagonal sparse matrix, represented in	coordinate storage format, distributed on a logical ...	F11DBFP
... a real sparse matrix, represented in	coordinate storage format, distributed on a logical ...	F11XAFP
... a real sparse matrix, represented in	coordinate storage format, distributed on a logical ...	F11XBFP
... set-up routine for real sparse matrices, represented in	coordinate storage format, distributed on a logical ...	F11ZAFP
Largest permissible argument for sin and	cos	X02AHF
1-d quadrature, adaptive, finite interval, weight functions	$\cos(\omega x)$ or $\sin(\omega x)$	D01AXFP
Outputs a real general matrix stored in a	cyclic 2-d block distribution on a 2-d logical processor ...	X04BDFP
... its natural, non-distributed form) into an array in a	cyclic 2-d block distribution on 2-d logical processor ...	X04BCFP
... its natural, non-distributed form) into an array in a	cyclic 2-d block distribution on a 2-d logical processor ...	X04BVFP
... given processor when the matrix is distributed in the	cyclic 2-d block fashion (NUMROC)	Z01CAFP
... in its natural, non-distributed form) into an array in a	cyclic 2-d block distribution on 2-d logical processor ...	X04BRFP
Outputs a complex general matrix stored in a	cyclic 2-d block distribution on a 2-d logical processor ...	X04BSFP
... its natural, non-distributed form) into an array in a	cyclic 2-d block distribution on a 2-d logical processor ...	X04BGFP
Real matrix generation and distribution in	cyclic 2-d block fashion, used for F07 and F08 ...	F01ZQFP
Complex matrix generation and distribution in	cyclic 2-d block fashion, used for F07 and F08 ...	F01ZVFP
Enables	debugging (PVM-based version only)	Z01BFP
Singular Value	Decomposition (SVD) of a complex matrix, one-sided ...	F02WRFP
Singular Value	Decomposition (SVD) of a real matrix, one-sided ...	F02WQFP
Solution of a real symmetric positive-	definite system of linear equations, multiple right-hand ...	F07FEFP
Solution of a complex Hermitian positive-	definite system of linear equations, multiple right-hand ...	F07FSP
Cholesky factorization of a real symmetric positive-	definite matrix (PDPOTRF)	F07DFFP
Cholesky factorization of a complex Hermitian positive-	definite matrix (PZPOTRF)	F07FRFP
Solution of real symmetric positive-	definite simultaneous linear equations with multiple ...	F04BFP
Solution of complex Hermitian positive-	definite simultaneous linear equations with multiple ...	F04FCFP
Distribution routine for real	dense vectors distributed conformally to sparse matrices	F01YFP
... matrix from an external file (stored in its natural, non-	distributed form) into an array in a cyclic 2-d block ...	X04BCFP
... matrix from an external file (stored in its natural, non-	distributed form) into an array in a cyclic 2-d block ...	X04BRFP
Gathering of a block	distributed real vector used for F07 and F08 ...	F01ZPFP
Real matrix generation and	distribution in cyclic 2-d block fashion, used for F07 ...	F01ZQFP
Complex matrix generation and	distribution in cyclic 2-d block fashion, used for F07 ...	F01ZVFP
... a complex general matrix stored in a cyclic 2-d block	distribution on a 2-d logical processor grid to an ...	X04BSFP

... a real general matrix stored in a cyclic 2-d block	distribution on a 2-d logical processor grid to an ...	X04BDFP
	Eigenvalues and eigenvectors of a complex Hermitian ...	F02FRFP
	Eigenvalues and eigenvectors of a real symmetric ...	F02FQFP
All or selected	eigenvalues of a real symmetric tridiagonal matrix ...	F08JJFP
Eigenvalues and	eigenvectors of a complex Hermitian matrix, ...	F02FRFP
Eigenvalues and	eigenvectors of a real symmetric matrix, ...	F02FQFP
Returns or sets a unit number for	error message	X04AAF
	Estimate the condition number of a real triangular ...	F07TGFP
	Euler's constant, γ	X01ABF
Form all or part of an orthogonal Q from QR	factorization determined by F08AEFP (PDGEQRF)	F08AFFP
Form all or part of a unitary Q from QR	factorization determined by F08ASFP (PZGEQRF)	F08ATFP
	LU factorization of a complex general matrix (PZGETRF)	F07ARFP
	QR factorization of a complex general rectangular matrix ...	F08ASFP
Cholesky	factorization of a complex Hermitian positive-definite ...	F07FRFP
	LU factorization of a real general matrix (PDGETRF)	F07ADFP
	QR factorization of a real general rectangular ...	F08AEFP
Cholesky	factorization of a real symmetric ...	F07DFDP
Incomplete LU	factorization of the local diagonal blocks of a real ...	F11DAFP
... equations, multiple right-hand sides, matrix already	factorized by F07FDFP (PDPOTRF)	F07FEFP
... equations, multiple right-hand sides, matrix already	factorized by F07FRFP (PZPOTRF)	F07FSFP
1-d quadrature, adaptive,	finite interval, weight functions $\cos(\omega x)$ or $\sin(\omega x)$	D01AXFP
1-d quadrature, adaptive,	finite interval, allowing for badly behaved integrands	D01ATFP
1-d quadrature, adaptive,	finite interval, suitable for oscillating functions	D01AUFP
2-d quadrature,	finite region	D01DAFP
Safe range of real	floating-point arithmetic	X02AMF
Safe range of complex	floating-point arithmetic	X02ANF
Parameter of	floating-point arithmetic model, b	X02BHF
Parameter of	floating-point arithmetic model, e_{\max}	X02BLF
Parameter of	floating-point arithmetic model, e_{\min}	X02BKF
Parameter of	floating-point arithmetic model, p	X02BJF
Parameter of	floating-point arithmetic model, ROUNDS	X02DJF
Euler's constant, γ		X01ABF
	Gathering of a block distributed real vector used for ...	F01ZPFP
Unconstrained minimum of a sum of squares,	Gauss-Newton algorithm using function values ...	E04FDFP
...of a general nonlinear function with unconstrained,	Gauss-Newton algorithm using function values ...	E04JBFP
Minimum of a	general nonlinear function with unconstrained, ...	E04JBFP
... system of simultaneous linear equations, Restarted	Generalised Minimal Residual method (RGMRES)	F11BAFP
... system of simultaneous linear equations, Restarted	Generalised Minimal Residual method (RGMRES)	F11BBFP
... system of simultaneous linear equations, Restarted	Generalised Minimal Residual method (RGMRES)	F11BCFP
Select a random number	generator and initialise seeds to give repeatable sequence	G05ABFP
... system of simultaneous linear equations, Conjugate	Gradient method or a Lanczos method based on SYMMLQ	F11GAFP
... system of simultaneous linear equations, Conjugate	Gradient method or a Lanczos method based on SYMMLQ	F11GBFP
... system of simultaneous linear equations, Conjugate	Gradient method or a Lanczos method based on SYMMLQ	F11GCFP
... column indices of the root processor within the logical	grid	Z01BAFP
Cholesky factorization of a complex	Hermitian positive-definite matrix (PZPOTRF)	F07FRFP
Eigenvalues and eigenvectors of a complex	Hermitian matrix, one-sided Jacobi method	F02FRFP
Solution of a complex	Hermitian positive-definite system of linear ...	F07FSFP
Solution of complex	Hermitian positive-definite simultaneous linear ...	F04FCFP
	Incomplete LU factorization of the local diagonal ...	F11DAFP
Largest representable	integer	X02BBF
Set-up for F11GBFP and F11GCFP,	iterative solution of a symmetric system of ...	F11GAFP
Main solver,	iterative solution of a general (unsymmetric) system ...	F11BBFP
... about the computations carried out by F11BBFP,	iterative solution of a general (unsymmetric) system ...	F11BCFP
Main solver,	iterative solution of a symmetric system of ...	F11GBFP
... about the computations carried out by F11GBFP,	iterative solution of a symmetric system of ...	F11GCFP
Set-up for F11BBFP and F11BCFP,	iterative solution of real (unsymmetric) system of ...	F11BAFP
... and eigenvectors of a real symmetric matrix, one-sided	Jacobi method	F02FQFP
... eigenvectors of a complex Hermitian matrix, one-sided	Jacobi method	F02FRFP
... linear equations, Conjugate Gradient method or a	Lanczos method based on SYMMLQ	F11GAFP
... linear equations, Conjugate Gradient method or a	Lanczos method based on SYMMLQ	F11GBFP
... linear equations, Conjugate Gradient method or a	Lanczos method based on SYMMLQ	F11GCFP
	Largest permissible argument for \sin and \cos	X02AHF
	Largest positive model number	X02ALF
	Largest representable integer	X02BBF
Solution of a real linear	least-squares problem multiple right-hand sides (Black Box)	F04GBFP
Black-box routine for sparse system of	linear equations	F11DCFP
Solution of real simultaneous	linear equations with multiple right-hand sides (Black Box)	F04EBFP
Solution of complex simultaneous	linear equations with multiple right-hand sides (Black Box)	F04ECFP
Solution of real symmetric positive-definite simultaneous	linear equations with multiple right-hand sides (Black Box)	F04FBFP
... of complex Hermitian positive-definite simultaneous	linear equations with multiple right-hand sides (Black Box)	F04FCFP
Solution of a real system of	linear equations, multiple right-hand sides, matrix already ...	F07AEFP
Solution of a complex system of	linear equations, multiple right-hand sides, matrix already ...	F07ASFP
Solution of real system of	linear equations, involving a real block diagonal sparse ...	F11DBFP
Solution of a real symmetric positive-definite system of	linear equations, multiple right-hand sides, matrix ...	F07FEFP
... of a complex Hermitian positive-definite system of	linear equations, multiple right-hand sides, matrix already ...	F07FSFP
Solution of a real	linear least-squares problem multiple right-hand sides ...	F04GBFP
	LU factorization of a complex general matrix (PZGETRF)	F07ARFP
	LU factorization of a real general matrix (PDGETRF)	F07ADFP
Incomplete	LU factorization of the local diagonal blocks of a real ...	F11DAFP
	Machine precision	X02AJF
Real	matrix generation and distribution in cyclic 2-d block ...	F01ZQFP
Complex	matrix generation and distribution in cyclic 2-d block ...	F01ZVFP
Set-up for F11XBFP, matrix-vector or transposed	matrix-vector product involving a real sparse matrix, ...	F11XAFP
Computes a matrix-vector or transposed	matrix-vector product involving a real sparse matrix, ...	F11XBFP
	Maximum number of decimal digits that can be represented	X02BEF
... simultaneous linear equations, Restarted Generalised	Minimal Residual method (RGMRES)	F11BBFP
... simultaneous linear equations, Restarted Generalised	Minimal Residual method (RGMRES)	F11BCFP

	Minimum of a general nonlinear function with ...	E04JBFP
Unconstrained	minimum of a sum of squares, Gauss–Newton algorithm ...	E04FDFP
Smallest positive	model number	X02AKF
Largest positive	model number	X02ALF
Parameter of floating-point arithmetic	model, b	X02BHF
Parameter of floating-point arithmetic	model, e_{\max}	X02BLF
Parameter of floating-point arithmetic	model, e_{\min}	X02BKF
Parameter of floating-point arithmetic	model, p	X02BJF
Parameter of floating-point arithmetic	model, ROUNDS	X02DJF
Information about	MPI tasks (MPI-based version only)	Z01BGFP
	Multi-dimensional quadrature, general product region, ...	D01GCFP
	Multi-dimensional quadrature, hyper-rectangle, adaptive	D01FAFP
... outside the default library mechanism, allows	multigriding, used in more advanced applications ...	Z01AEFP
... outside the default library mechanism, allows	multigriding, used in more advanced applications ...	Z01ADFP
Solution of real simultaneous linear equations with	multiple right-hand sides (Black Box)	F04EBFP
Solution of complex simultaneous linear equations with	multiple right-hand sides (Black Box)	F04ECFP
... positive-definite simultaneous linear equations with	multiple right-hand sides (Black Box)	F04FBFP
... positive-definite simultaneous linear equations with	multiple right-hand sides (Black Box)	F04FCFP
Solution of a real linear least-squares problem	multiple right-hand sides (Black Box)	F04GBFP
... symmetric positive-definite system of linear equations,	multiple right-hand sides, matrix already factorized ...	F07FEFP
... Hermitian positive-definite system of linear equations,	multiple right-hand sides, matrix already factorized ...	F07FSFP
Solution of a real system of linear equations,	multiple right-hand sides, matrix already factorized ...	F07AEFP
Solution of a complex system of linear equations,	multiple right-hand sides, matrix already factorized ...	F07ASFP
Unconstrained minimum of a sum of squares, Gauss–	Newton algorithm using function values only (easy-to-use)	E04FDFP
... general nonlinear function with unconstrained, Gauss–	Newton algorithm using function values only (easy-to-use)	E04JBFP
Minimum of a general	nonlinear function with unconstrained, Gauss–Newton ...	E04JBFP
Form all or part of an	orthogonal Q from QR factorization determined by ...	F08AFFP
	Orthogonal reduction of a real symmetric matrix to ...	F08FEFP
Apply the	orthogonal transformation determined by ...	F08AGFP
	Outputs a set of complex general matrices distributed ...	X04BUFP
	Outputs a set of real general matrices distributed ...	X04BFFP
	π	X01AAF
Machine	precision	X02AJF
... in a cyclic 2-d block distribution on a 2-d logical	processor grid to an external file (in its natural, ...	X04BHFP
... in a cyclic 2-d block distribution on a 2-d logical	processor grid to an external file (in its natural, ...	X04BWFP
... array in a cyclic 2-d block distribution on a 2-d logical	processor grid, used for the F04 (Black Box) routines	X04BVFP
... array in a cyclic 2-d block distribution on a 2-d logical	processor grid, used for the F04 (Black Box) routines	X04BGFP
... set of real general matrices distributed on a 2-d logical	processor grid, used with the F02 routines	X04BFFP
... complex general matrices distributed on a 2-d logical	processor grid, used with the F02 routines	X04BUFP
Multi-dimensional quadrature, general	product region, number-theoretic method	D01GCFP
	Pseudo-random real numbers, uniform distribution ...	G05AAFP
Information about	PVM tasks (PVM-based version only)	Z01BDFP
Form all or part of an orthogonal Q from	QR factorization determined by F08AEFP (PDGEQRF)	F08AFFP
Form all or part of a unitary Q from	QR factorization determined by F08ASFP (PZGEQRF)	F08ATFP
	QR factorization of a complex general rectangular ...	F08ASFP
	QR factorization of a real general rectangular ...	F08AEFP
1-d	quadrature, adaptive, finite interval, weight functions ...	D01AXFP
1-d	quadrature, adaptive, finite interval, allowing for badly ...	D01ATFP
1-d	quadrature, adaptive, finite interval, suitable for ...	D01AUFP
2-d	quadrature, finite region	D01DAFP
Multi-dimensional	quadrature, general product region, number-theoretic ...	D01GCFP
Multi-dimensional	quadrature, hyper-rectangle, adaptive	D01FAFP
Select a	random number generator and initialise seeds to give ...	G05ABFP
Pseudo-random	real numbers, uniform distribution over (0, 1), ...	G05AAFP
Safe	range of complex floating-point arithmetic	X02ANF
Safe	range of real floating-point arithmetic	X02AMF
QR factorization of a real general	rectangular matrix (PDGEQRF)	F08AEFP
QR factorization of a complex general	rectangular matrix (PZGEQRF)	F08ASFP
... linear equations, Restarted Generalised Minimal	Residual method (RGMRES)	F11BAFP
... linear equations, Restarted Generalised Minimal	Residual method (RGMRES)	F11BBFP
... linear equations, Restarted Generalised Minimal	Residual method (RGMRES)	F11BCFP
... system of simultaneous linear equations,	Restarted Generalised Minimal Residual method ...	F11BAFP
... system of simultaneous linear equations,	Restarted Generalised Minimal Residual method ...	F11BBFP
... system of simultaneous linear equations,	Restarted Generalised Minimal Residual method ...	F11BCFP
	Root processor identifier	Z01ACFP
Row and column indices of the	root processor within the logical grid	Z01BAFP
	Row and column indices of the root processor within ...	Z01BAFP
Number of	rows or columns of a matrix held locally on a given ...	Z01CAFP
	Safe range of complex floating-point arithmetic	X02ANF
	Safe range of real floating-point arithmetic	X02AMF
... a block distributed real vector used for F07 and F08	ScaLAPACK routines	F01ZPFP
... in cyclic 2-d block fashion, used for F07 and F08	ScaLAPACK routines	F01ZQFP
... in cyclic 2-d block fashion, used for F07 and F08	ScaLAPACK routines	F01ZVFP
... on 2-d logical processor grid, used for the F07 and F08	ScaLAPACK routines	X04BRFP
... on 2-d logical processor grid, used for the F07 and F08	ScaLAPACK routines	X04BCFP
All or	selected eigenvalues of a real symmetric tridiagonal ...	F08JJFP
Solution of real	simultaneous linear equations with multiple right-hand ...	F04EBFP
Solution of complex	simultaneous linear equations with multiple right-hand ...	F04ECFP
Solution of real symmetric positive-definite	simultaneous linear equations with multiple right-hand ...	F04FBFP
Solution of complex Hermitian positive-definite	simultaneous linear equations with multiple right-hand ...	F04FCFP
... solution of a general (unsymmetric) system of	simultaneous linear equations, Restarted Generalised ...	F11BBFP
Main solver, iterative solution of a symmetric system of	simultaneous linear equations, Conjugate Gradient ...	F11GBFP
... iterative solution of real (unsymmetric) system of	simultaneous linear equations, Restarted Generalised ...	F11BAFP
Largest permissible argument for	sin and cos	X02AHF
... adaptive, finite interval, weight functions $\cos(\omega x)$ or	$\sin(\omega x)$	D01AXFP
	Singular Value Decomposition (SVD) of a complex ...	F02WRFP
	Singular Value Decomposition (SVD) of a real matrix, ...	F02WQFP

	Smallest positive model number	X02AKF
General set-up routine for real	sparse matrices, represented in coordinate storage ...	F11ZAFP
... or transposed matrix-vector product involving a real	sparse matrix, represented in coordinate storage format, ...	F11XAFP
... for real dense vectors distributed conformally to	sparse matrices	F01YEFP
Cyclic row block distribution routine for real	sparse matrices stored in coordinate storage format	F01YAFP
Outputs a real dense vector, distributed conformally to a	sparse matrix on a logical grid of processors, to an ...	X04YAFP
... of linear equations, involving a real block diagonal	sparse matrix, represented in coordinate storage format, ...	F11DBFP
... or transposed matrix-vector product involving a real	sparse matrix, represented in coordinate storage format, ...	F11XBFP
... <i>LU</i> factorization of the local diagonal blocks of a real	sparse matrix, represented in coordinate storage format, ...	F11DAFP
Black-box routine for	sparse system of linear equations	F11DCFP
Unconstrained minimum of a sum of	squares , Gauss–Newton algorithm using function values ...	E04FDFP
Unconstrained minimum of a	sum of squares, Gauss–Newton algorithm using ...	E04FDFP
Singular Value Decomposition (SVD) of a complex matrix, one-sided Jacobi method		F02WRFP
Singular Value Decomposition (SVD) of a real matrix, one-sided Jacobi method		F02WQFP
Cholesky factorization of a real	symmetric positive-definite matrix (PDPOTRF)	F07DFFP
Orthogonal reduction of a real	symmetric matrix to tridiagonal form (PDSYTRD)	F08FEFP
Eigenvalues and eigenvectors of a real	symmetric matrix, one-sided Jacobi method	F02QFP
Solution of a real	symmetric positive-definite system of linear equations, ...	F07FEFP
Solution of real	symmetric positive-definite simultaneous linear ...	F04BFP
Main solver, iterative solution of a	symmetric system of simultaneous linear equations, ...	F11GBFP
... carried out by F11GBFP, iterative solution of a	symmetric system of simultaneous linear equations, ...	F11GCFP
... for F11GBFP and F11GCFP, iterative solution of a	symmetric system of simultaneous linear equations, ...	F11GAFP
All or selected eigenvalues of a real	symmetric tridiagonal matrix by bisection (PDSTEBZ)	F08JJFP
... F11BCFP, iterative solution of real (unsymmetric)	system of simultaneous linear equations, Restarted ...	F11BAFP
Black-box routine for sparse	system of linear equations	F11DCFP
Solution of a real	system of linear equations, multiple right-hand sides, ...	F07AEFP
Solution of a complex	system of linear equations, multiple right-hand sides, ...	F07ASFP
Solution of real	system of linear equations, involving a real block diagonal ...	F11DBFP
Solution of a real symmetric positive-definite	system of linear equations, multiple right-hand sides, ...	F07FEFP
Solution of a complex Hermitian positive-definite	system of linear equations, multiple right-hand sides, ...	F07FSFP
... iterative solution of a general (unsymmetric)	system of simultaneous linear equations, Restarted ...	F11BBFP
	Topology to be used by BLACS for broadcasting ...	Z01BEFP
Apply the orthogonal	transformation determined by F08AEFP (PDORMQR)	F08AGFP
Apply the unitary	transformation determined by F08ASFP (PZUNMQR)	F08AUFP
Estimate the condition number of a real	triangular matrix (PDTRCON)	F07TGFP
Orthogonal reduction of a real symmetric matrix to	tridiagonal form (PDSYTRD)	F08FEFP
All or selected eigenvalues of a real symmetric	tridiagonal matrix by bisection (PDSTEBZ)	F08JJFP
	Unconstrained minimum of a sum of squares, ...	E04FDFP
Minimum of a general nonlinear function with	unconstrained , Gauss–Newton algorithm using ...	E04JBFP
Form all or part of a	unitary <i>Q</i> from <i>QR</i> factorization determined ...	F08ATFP
Apply the	unitary transformation determined by F08ASFP ...	F08AUFP
... F11BBFP and F11BCFP, iterative solution of real	(unsymmetric) system of simultaneous linear equations, ...	F11BAFP
... out by F11BBFP, iterative solution of a general	(unsymmetric) system of simultaneous linear equations, ...	F11BCFP
Main solver, iterative solution of a general	(unsymmetric) system of simultaneous linear equations, ...	F11BBFP
Gathering of a block distributed real	vector used for F07 and F08 ScaLAPACK routines	F01ZFP
1-d quadrature, adaptive, finite interval,	weight functions $\cos(\omega x)$ or $\sin(\omega x)$	D01AXFP