Keywords in Context for the NAG C Library, Mark 6

... likelihood estimates of the parameters of a **factor** analysis model, factor loadings, communalities ...	g03cac
Computes **factor** score coefficients (for use after g03cac)	g03ccc
... polynomials or dummy variables for **factor**/classification variable	g04eac
Analysis of variance, complete **factorial** design, treatment means and standard errors	g04cac
Cholesky **factorization**: See Factorization	
Crout's method: See LU **factorization**	
Gaussian elimination: See LU **factorization**	
LL^H **factorization** of complex Hermitian positive-definite ...	f01bnc
LDL^T **factorization** of real symmetric positive-definite ...	f01mcc
QR **factorization** of real m by n matrix ($m \geq n$)	f01qcc
... matrices, compute QB or Q^TB after **factorization** by f01qcc	f01qdc
... with orthogonal matrices, form columns of Q after **factorization** by f01qcc	f01qec
QR **factorization** of complex m by n matrix ($m \geq n$)	f01rcc
... unitary matrices, compute QB or Q^HB after **factorization** by f01rcc	f01rdc
... with unitary matrices, form columns of Q after **factorization** by f01rcc	f01rec
LL^T **factorization** and determinant of real symmetric ...	f03aec
LU **factorization** and determinant of real matrix	f03afc
LU **factorization** and determinant of complex matrix	f03ahc
... sparse unsymmetric linear systems, incomplete LU **factorization**	f11dac
Real sparse symmetric matrix, incomplete Cholesky **factorization**	f11jac
Failures	p01
Fast Fourier transform: See Fourier transform	
FFT: See Fourier transform	
1-D quadrature, adaptive, **finite** interval, strategy due to Piessens and de Doncker, ...	d01sjc
1-D quadrature, adaptive, **finite** interval, method suitable for oscillating functions	d01skc
1-D quadrature, adaptive, **finite** interval, allowing for singularities at user-specified ...	d01slc
1-D quadrature, adaptive, **finite** interval, weight function $\cos(\omega x)$ or $\sin(\omega x)$	d01snc
1-D quadrature, adaptive, **finite** interval, weight function with end-point ...	d01spc
1-D quadrature, adaptive, **finite** interval, weight function $1/(x-c)$, Cauchy ...	d01sqc
ODEs, boundary value problem, **finite** difference technique with deferred correction, simple	d02gac
ODEs, boundary value problem, **finite** difference technique with deferred correction, general	d02gbc
ODEs, general nonlinear boundary value problem, **finite** difference technique with deferred correction, ...	d02rac
Fit cubic smoothing spline, smoothing parameter given	g10abc
Fit cubic smoothing spline, smoothing parameter estimated	g10acc
Least-squares curve **fit**, by polynomials, arbitrary data points	e02adc
Least-squares polynomial **fit**, special data points (including interpolation)	e02afc
Least-squares curve cubic spline **fit** (including interpolation)	e02bac
Least-squares cubic spline curve **fit**, automatic knot placement	e02bec
Least-squares surface **fit** by bicubic splines with automatic knot placement, ...	e02dcc
Least-squares surface **fit** by bicubic splines with automatic knot placement, ...	e02ddc
Performs the χ^2 goodness of **fit** test, for standard continuous distributions	g08cgc
Fits a general (multiple) linear regression model	g02dac
Fits a general linear regression model for new ...	g02dgc
Fits a generalized linear model with Normal errors	g02gac
Fits a generalized linear model with binomial errors	g02gbc
Fits a generalized linear model with Poisson errors	g02gcc
Fits a generalized linear model with gamma errors	g02gdc
Fits Cox's proportional hazard model	g12bac
Evaluation of **fitted** polynomial in one variable from Chebyshev series ...	e02aec
Evaluation of **fitted** cubic spline, function only	e02bbc
Evaluation of **fitted** cubic spline, function and derivatives	e02bcc
Evaluation of **fitted** cubic spline, definite integral	e02bdc
Evaluation of a **fitted** bicubic spline at a vector of points	e02dec
Evaluation of a **fitted** bicubic spline at a mesh of points	e02dfc
Interpolating functions, **fitting** bicubic spline, data on rectangular grid	e01dac
Computes a **five-point** summary (median, hinges and extremes)	g01alc
Safe range of **floating-point** arithmetic	X02AMC
Parameter of **floating-point** arithmetic model, b	X02BHC
Parameter of **floating-point** arithmetic model, p	X02BJC
Parameter of **floating-point** arithmetic model, $e_{\min}$	X02BKC
Parameter of **floating-point** arithmetic model, $e_{\max}$	X02BLC
Parameter of **floating-point** arithmetic model, ROUNDS	X02DJC
Multivariate time series, state set and **forecasts** from fully specified multi-input model	g13bjc
Fast **Fourier** transform: See Fourier transform	
DFT: See Discrete **Fourier** transform	
Single 1-D real discrete **Fourier** transform	c06eac
Single 1-D Hermitian discrete **Fourier** transform	c06ebc
Single 1-D complex discrete **Fourier** transform	c06ecc
Multiple 1-D real discrete **Fourier** transforms	c06fpc
Multiple 1-D Hermitian discrete **Fourier** transforms	c06fqc
Multiple 1-D complex discrete **Fourier** transforms	c06frc