NAG Library Chapter Contents

f03 – Determinants

f03 Chapter Introduction

Function Name	Mark of Introduction	Purpose
f03aec	1	nag_real_cholesky LL^{T} factorization and determinant of real symmetric positive definite matrix **Note**: this function is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Functions for further information.
f03afc	1	nag_real_lu LU factorization and determinant of real matrix **Note**: this function is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Functions for further information.
f03ahc	1	nag_complex_lu LU factorization and determinant of complex matrix **Note**: this function is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Functions for further information.
f03bac	23	nag_det_real_gen Determinant of real matrix, matrix previously LU factorized
f03bfc	23	nag_det_real_sym Determinant of real symmetric positive definite matrix previously LL^{T} factorized
f03bhc	23	nag_det_real_band_sym Determinant of real symmetric positive definite banded matrix previously factorized by nag_dpbtrf (f07hdc)
f03bnc	23	nag_det_complex_gen Determinant of complex matrix previously LU factorized