

NAG Library Chapter Contents

F03 – Determinants

F03 Chapter Introduction

Routine Name	Mark of Introduction	Purpose
F03AAF	1	nagf_det_withdraw_real_gen Determinant of real matrix (Black Box) Note: this routine is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Routines for further information.
F03ABF	1	nagf_det_withdraw_real_sym Determinant of real symmetric positive definite matrix (Black Box) Note: this routine is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Routines for further information.
F03ACF	1	nagf_det_withdraw_real_band_sym Determinant of real symmetric positive definite band matrix (Black Box) Note: this routine is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Routines for further information.
F03ADF	1	nagf_det_withdraw_complex_gen Determinant of complex matrix (Black Box) Note: this routine is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Routines for further information.
F03AEF	2	nagf_det_withdraw_real_sym_fac LL^T factorization and determinant of real symmetric positive definite matrix Note: this routine is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Routines for further information.
F03AFF	2	nagf_det_withdraw_real_gen_fac LU factorization and determinant of real matrix Note: this routine is scheduled for withdrawal at Mark 25, see Advice on Replacement Calls for Withdrawn/Superseded Routines for further information.
F03BAF	23	nagf_det_real_gen Determinant of real matrix, matrix already factorized by F07ADF (DGETRF)
F03BFF	23	nagf_det_real_sym Determinant of real symmetric positive definite matrix
F03BHF	23	nagf_det_real_band_sym Determinant of real symmetric positive definite banded matrix
F03BNF	23	nagf_det_complex_gen Determinant of complex matrix