NAG Library Chapter Contents

d05 – Integral Equations

d05 Chapter Introduction

Function Name	Mark of Introduction	Purpose
d05aac	23	nag_inteq_fredholm2_split Linear nonsingular Fredholm integral equation, second kind, split kernel
d05abc	23	nag_inteq_fredholm2_smooth Linear nonsingular Fredholm integral equation, second kind, smooth kernel
d05bac	23	nag_inteq_volterra2 Nonlinear Volterra convolution equation, second kind
d05bdc	23	nag_inteq_abel2_weak Nonlinear convolution Volterra–Abel equation, second kind, weakly singular
d05bec	23	nag_inteq_abel1_weak Nonlinear convolution Volterra–Abel equation, first kind, weakly singular
d05bwc	23	nag_inteq_volterra_weights Generate weights for use in solving Volterra equations
d05byc	23	nag_inteq_abel_weak_weights Generate weights for use in solving weakly singular Abel-type equations