

NAG Library Chapter Contents

x06 – OpenMP Utilities

x06 Chapter Introduction – a description of the Chapter and an overview of the algorithms available

Function Name	Mark of Introduction	Purpose
x06aac	25	nag_omp_set_num_threads Sets the number of threads for OpenMP parallel regions
x06abc	25	nag_omp_get_num_threads The number of OpenMP threads in the current team
x06acc	25	nag_omp_get_max_threads An upper bound on the number of threads in the next parallel region
x06adc	25	nag_omp_get_thread_num The OpenMP thread number of the calling thread
x06afc	25	nag_omp_in_parallel Tests for an active OpenMP parallel region
x06agc	25	nag_omp_set_nested Enables or disables nested OpenMP parallelism
x06ahc	25	nag_omp_get_nested Tests the status of nested OpenMP parallelism
x06xac	26	nag_using_threaded_impl Tests whether a threaded NAG Library is being used
