

NAG Library Chapter Contents

X06 – OpenMP Utilities

X06 Chapter Introduction – a description of the Chapter and an overview of the algorithms available

Routine Name	Mark of Introduction	Purpose
X06AAF	25	nagf_omp_set_num_threads Sets the number of threads for OpenMP parallel regions
X06ABF	25	nagf_omp_get_num_threads The number of OpenMP threads in the current team
X06ACF	25	nagf_omp_get_max_threads An upper bound on the number of threads in the next parallel region
X06ADF	25	nagf_omp_get_thread_num The OpenMP thread number of the calling thread
X06AFF	25	nagf_omp_in_parallel Tests for an active OpenMP parallel region
X06AGF	25	nagf_omp_set_nested Enables or disables nested OpenMP parallelism
X06AHF	25	nagf_omp_get_nested Tests the status of nested OpenMP parallelism
X06XAF	26	nagf_using_threaded_impl Tests whether a threaded NAG Library is being used
