

## NAG Library Chapter Contents

### X06 – OpenMP Utilities

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

<b>Routine Name</b>	<b>Mark of Introduction</b>	<b>Purpose</b>
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

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