

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 |
