

NAG Library Chapter Contents

h – Operations Research

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

| Function Name | Mark of Introduction | Purpose |
|----------------------|-----------------------------|--|
| h02bbc | 5 | nag_ip_bb Solves integer programming problems using a branch and bound method |
| h02buc | 5 | nag_ip_mps_read Read MPSX data for IP, LP or QP problem from a file |
| h02bvc | 5 | nag_ip_mps_free Free memory allocated by nag_ip_mps_read (h02buc) |
| h02dac | 25 | nag_mip_sqp Mixed integer nonlinear programming |
| h02xxc | 5 | nag_ip_init Initialize option structure to null values |
| h02xyc | 5 | nag_ip_read Read optional parameter values from a file |
| h02xzc | 5 | nag_ip_free Free NAG allocated memory from option structures |
| h02zkc | 25 | nag_mip_opt_set Option setting routine for nag_mip_sqp (h02dac) |
| h02zlc | 25 | nag_mip_opt_get Option getting routine for nag_mip_sqp (h02dac) |
| h03abc | 3 | nag_transport Classical transportation algorithm |
| h03bbc | 25 | nag_mip_tsp_simann Travelling Salesman Problem, simulated annealing |
| h05aac | 24 | nag_best_subset_given_size_revcomm Best n subsets of size p (reverse communication) |
| h05abc | 24 | nag_best_subset_given_size Best n subsets of size p (direct communication) |
