The performance files

N_{iter}—The number of iteration; N_f—The number of function value evaluation; N_g—The number of gradient evaluation; T_{cpu}—CPU time(s); 80pAndr—The 80 problems given by Andrei; 144pCUTEr—The 144 problems from CUTEr, which are the same as that of CG_DESCENT(6.0)
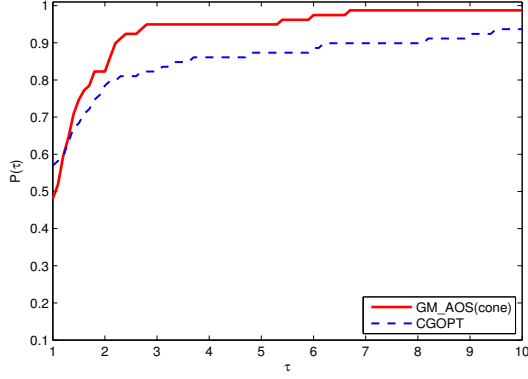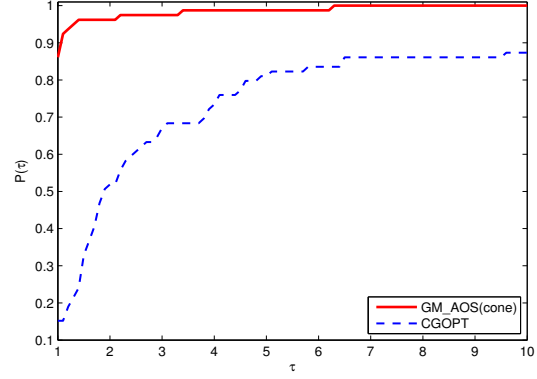

图 1.1 N_{iter}(80pAndr)

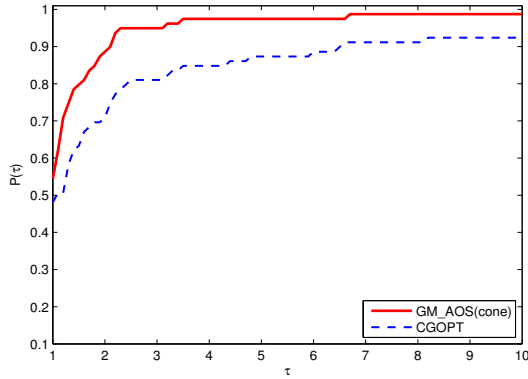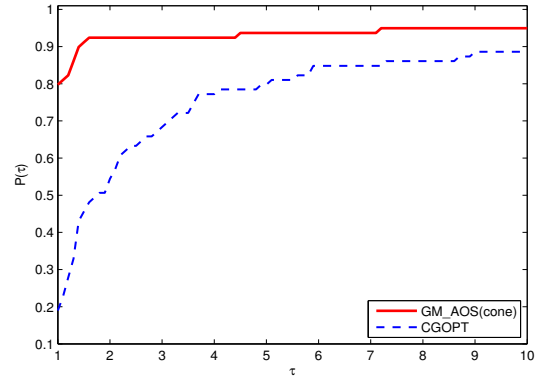图 1.2 N_f(80pAndr)

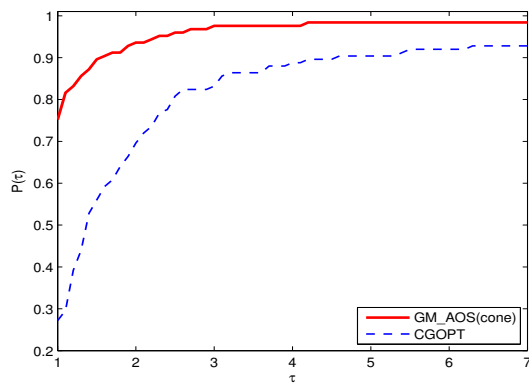图 1.3 N_g(80pAndr)

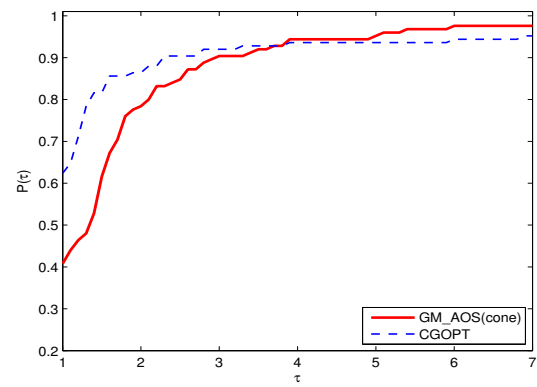图 1.4 CPU time(80pAndr)

图 1.5 N_f (144pCUTEr)
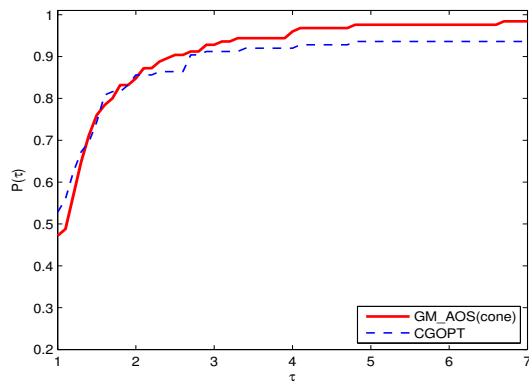

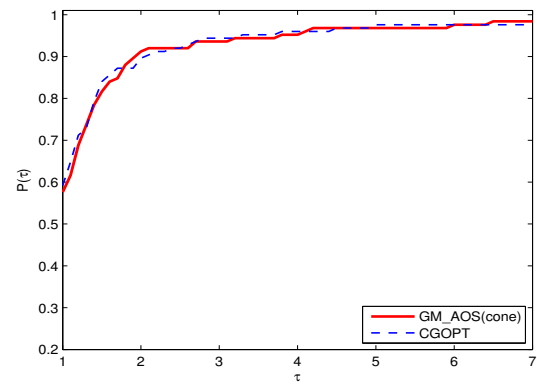
图 1.6 N_g (144pCUTEr)

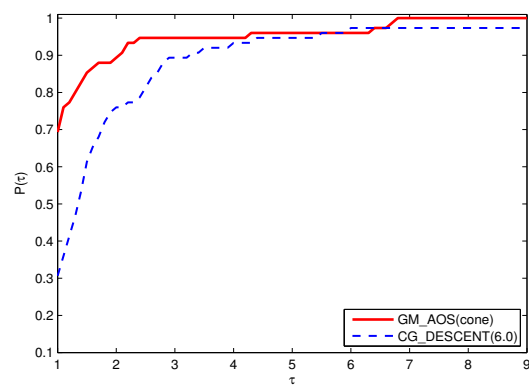图 1.7 $N_f + 3N_g$(144pCUTEr)
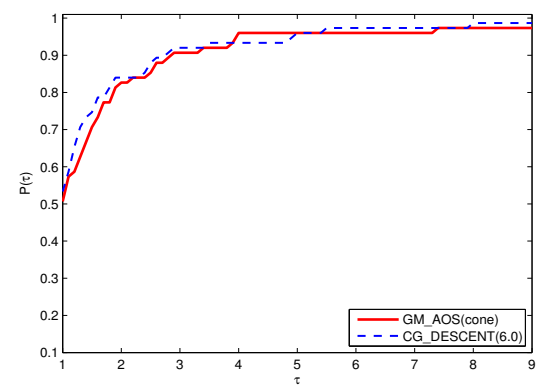

图 1.8 CPU time(144pCUTEr)
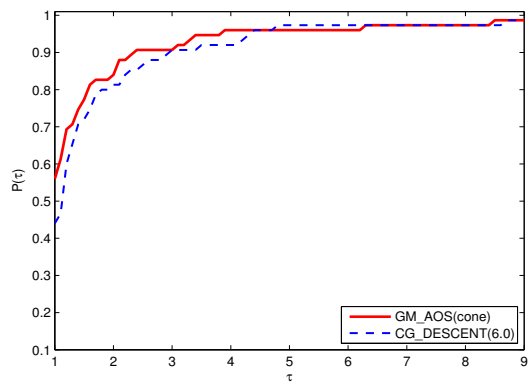

图 1.9 N_f(80pAndr)
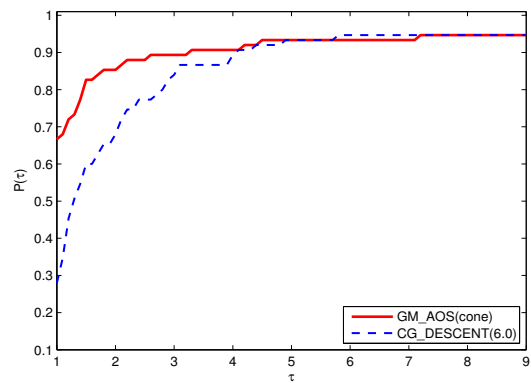

图 1.10 N_g(80pAndr)

图 1.11 $N_f + 3N_g$(80pAndr)

图 1.12   CPU time(80pAndr)
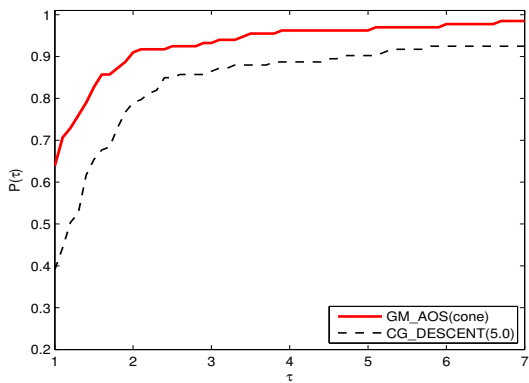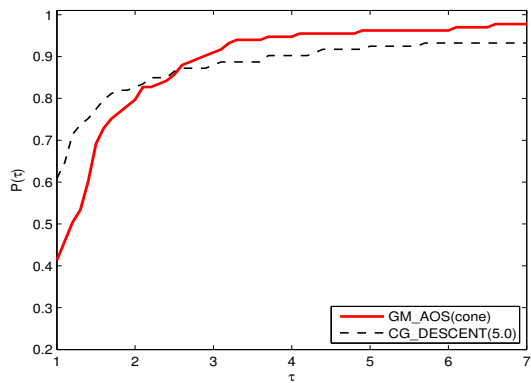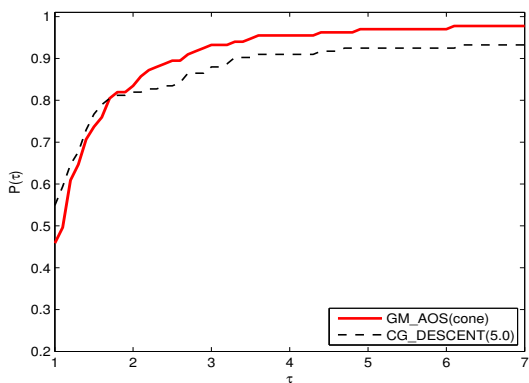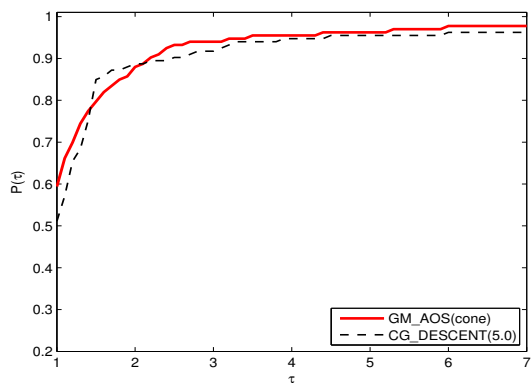
图 1.13 N_f (144pCUTEr)

图 1.14 N_g (144pCUTEr)

图 1.15 $N_f + 3N_g$(144pCUTEr)

图 1.16   CPU time(144pCUTEr)