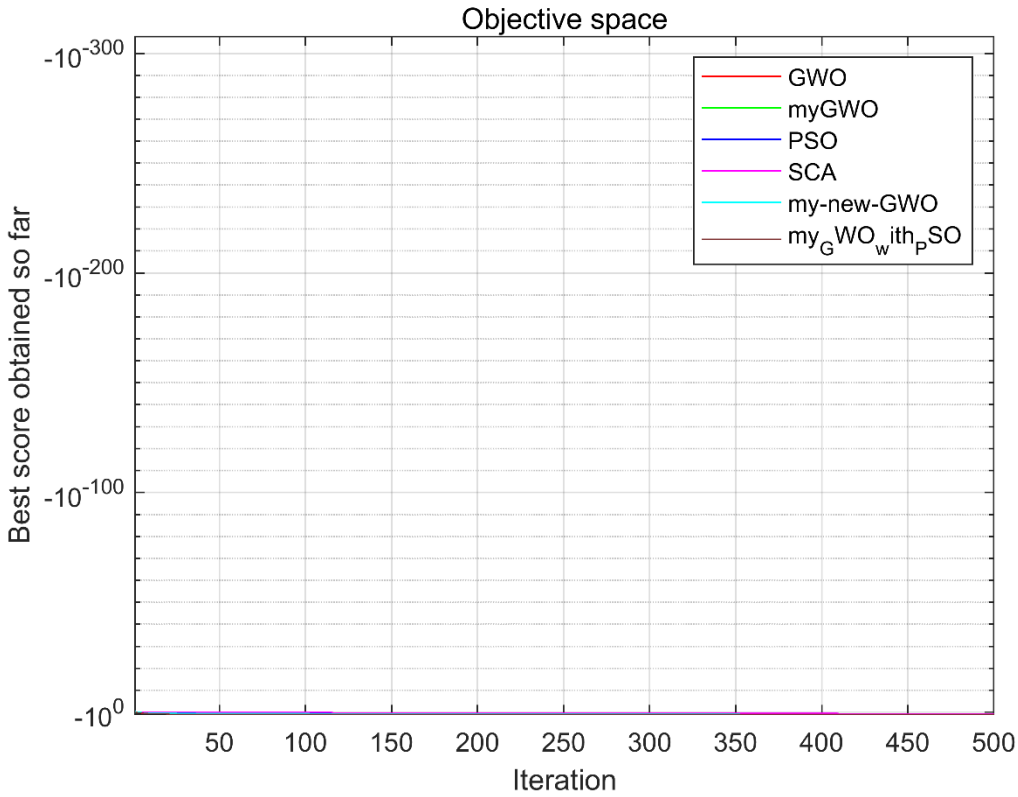
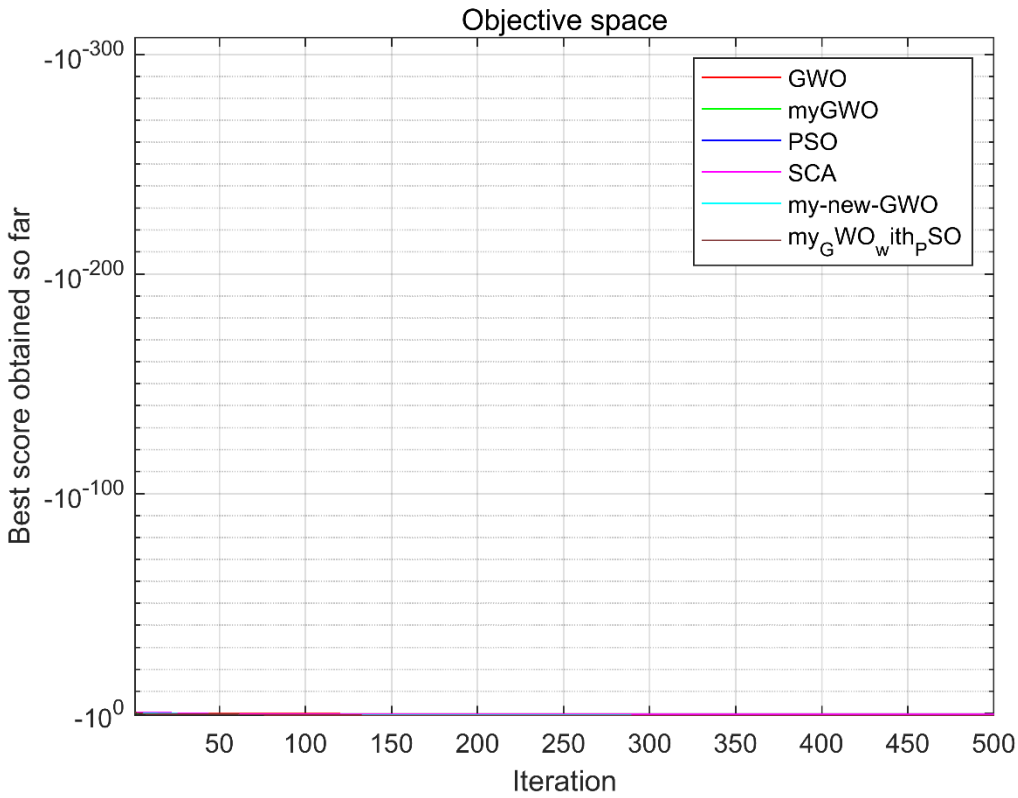
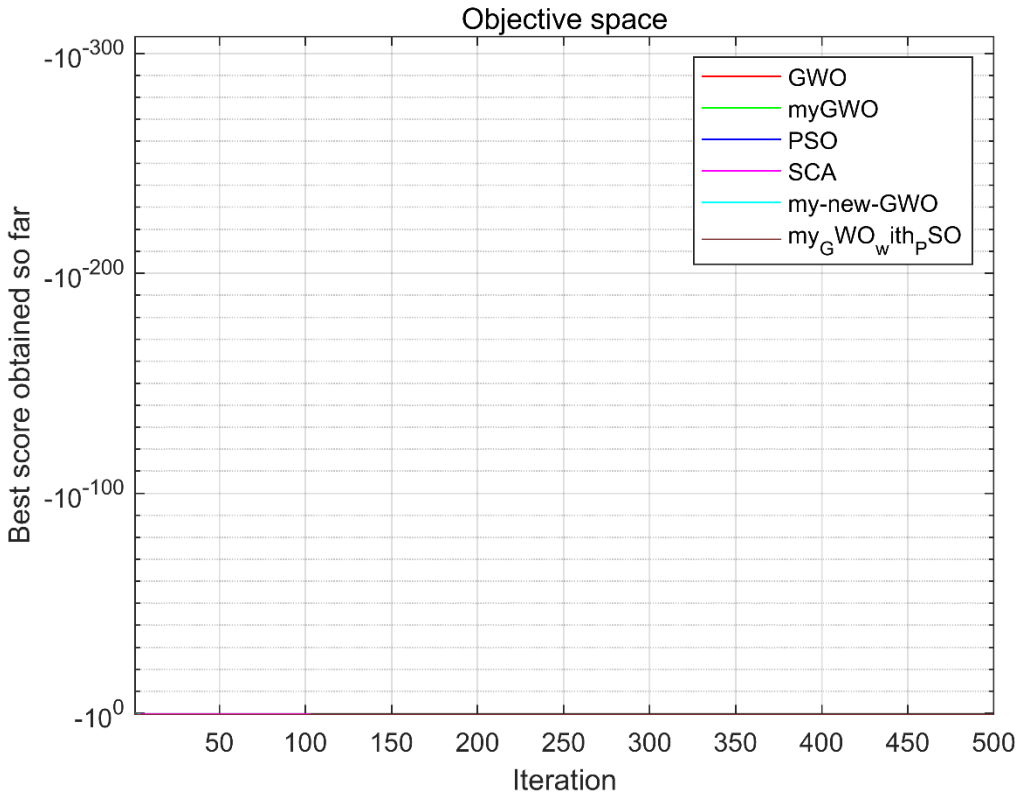
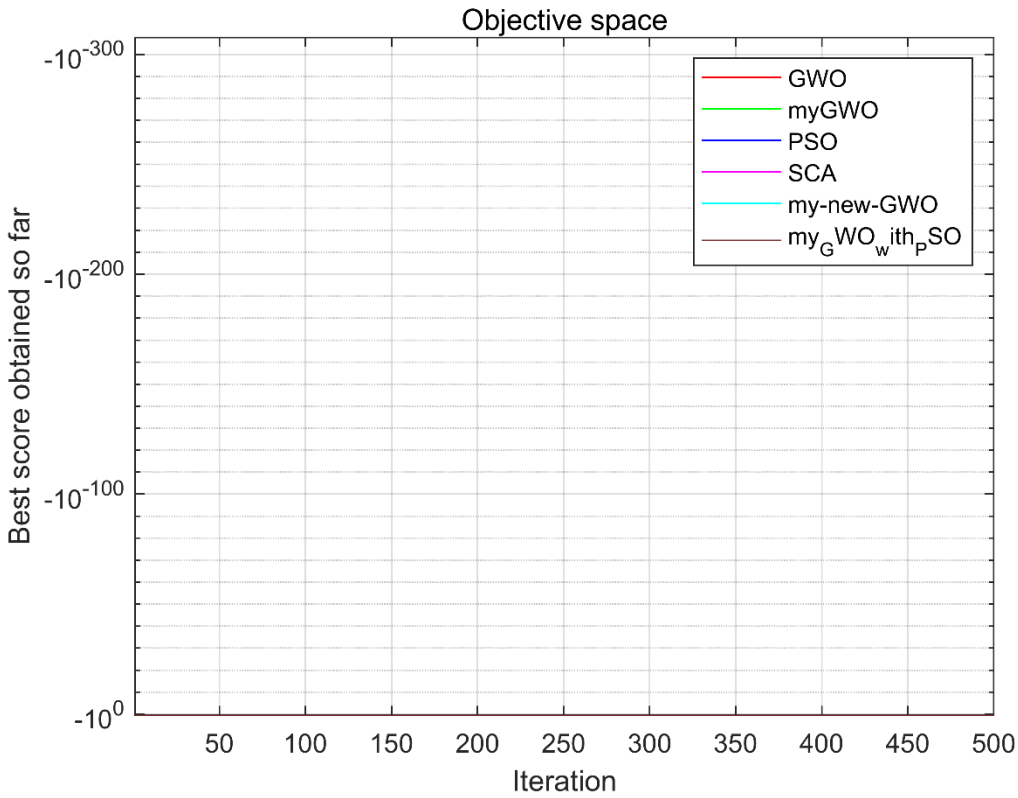
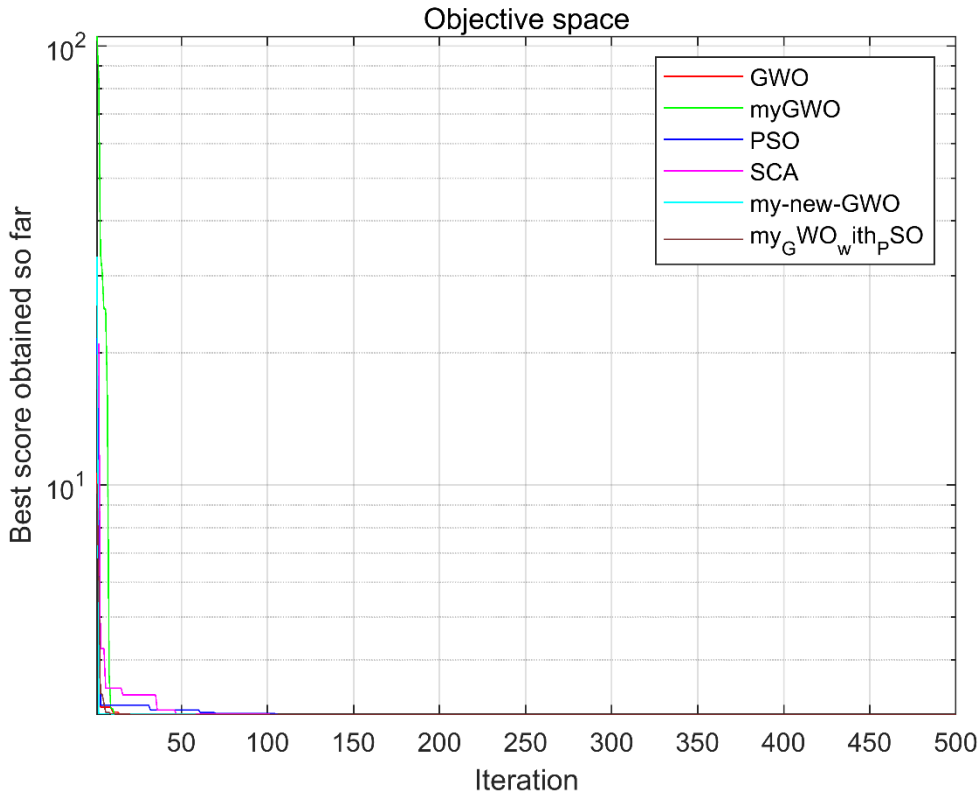
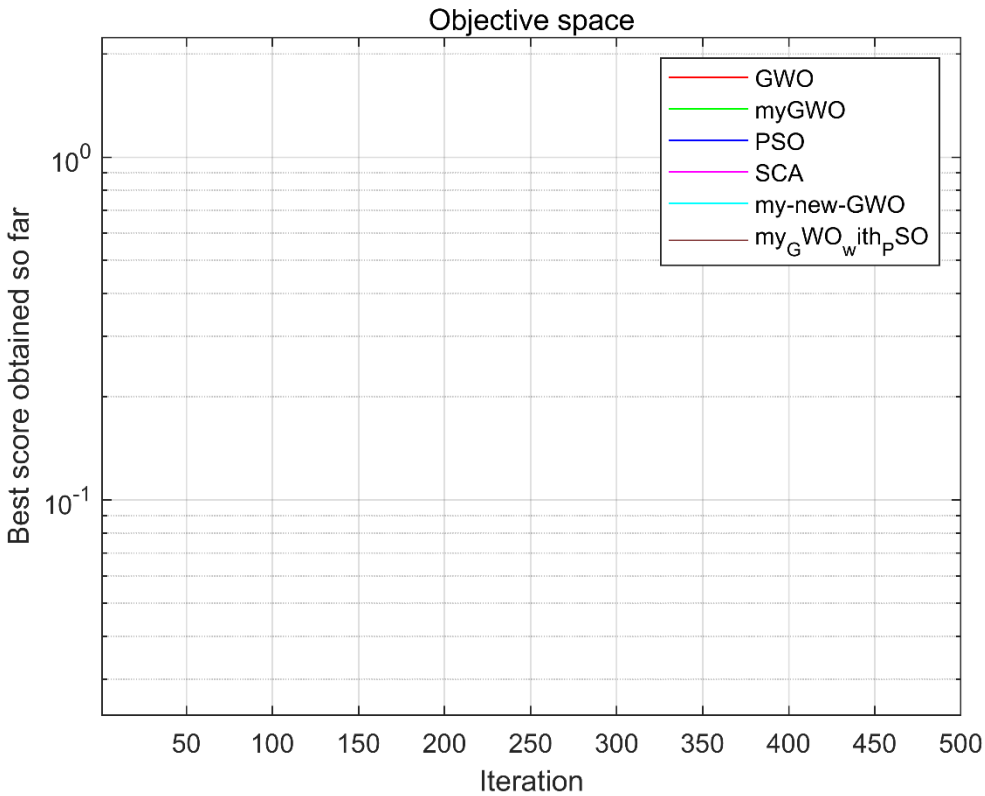

Objective space
Best score obtained so far
Iteration
-10^-300
-10^-200
-10^-100
-10^0
50
100
150
200
250
300
350
400
450
500
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

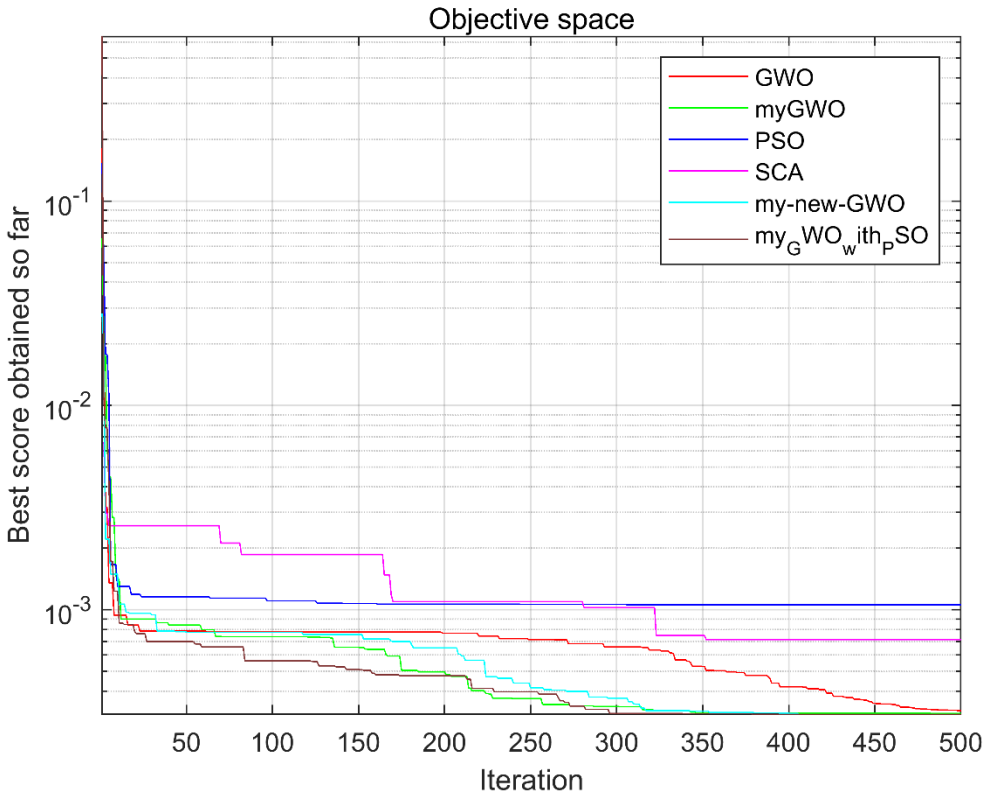

Objective space
Best score obtained so far
Iteration
-10^-300
-10^-200
-10^-100
-10^0
50
100
150
200
250
300
350
400
450
500
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

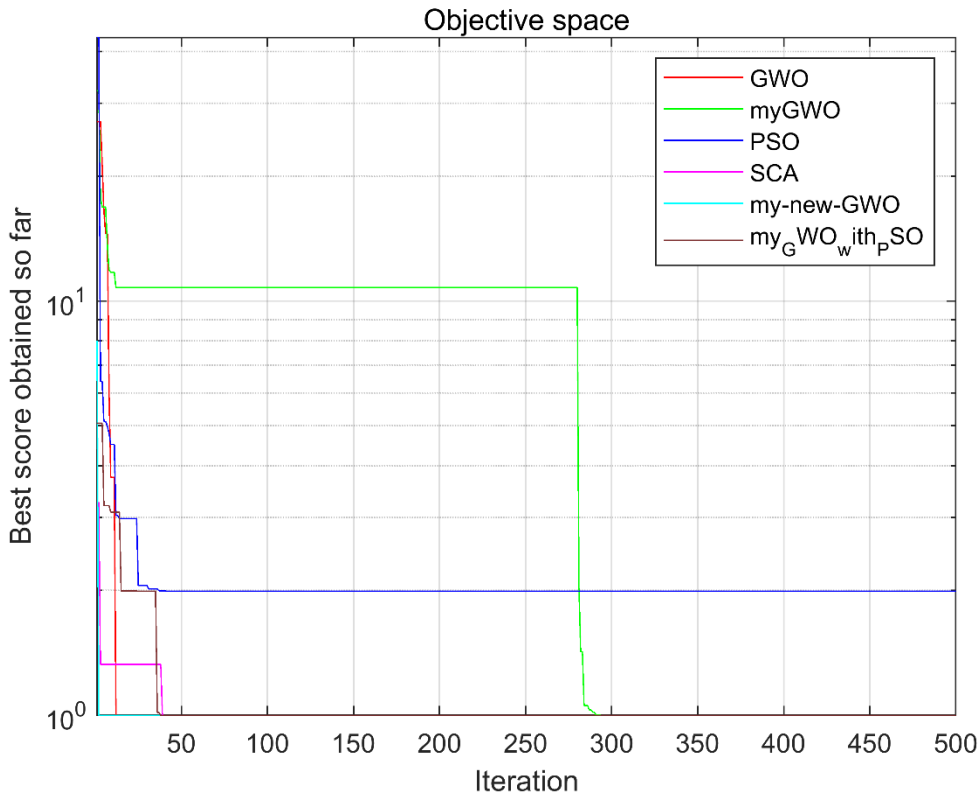

Objective space
Best score obtained so far
Iteration
-10^-300
-10^-200
-10^-100
-10^0
50
100
150
200
250
300
350
400
450
500
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

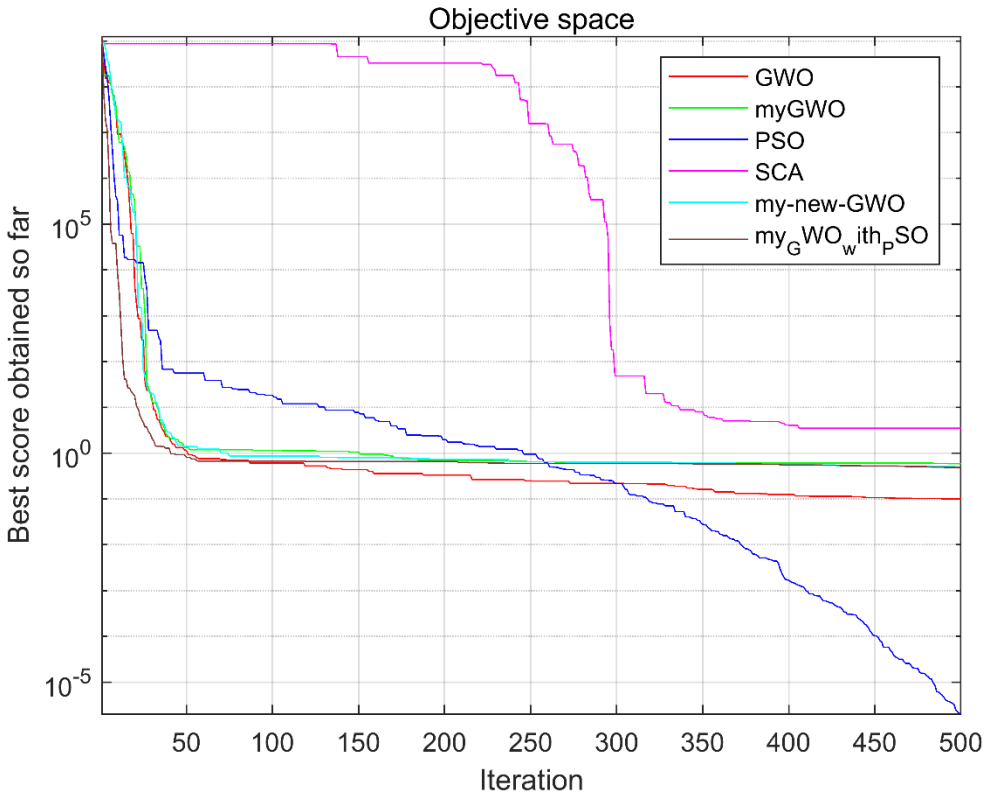

Objective space
Best score obtained so far
Iteration
-10^-300
-10^-200
-10^-100
-10^0
50
100
150
200
250
300
350
400
450
500
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

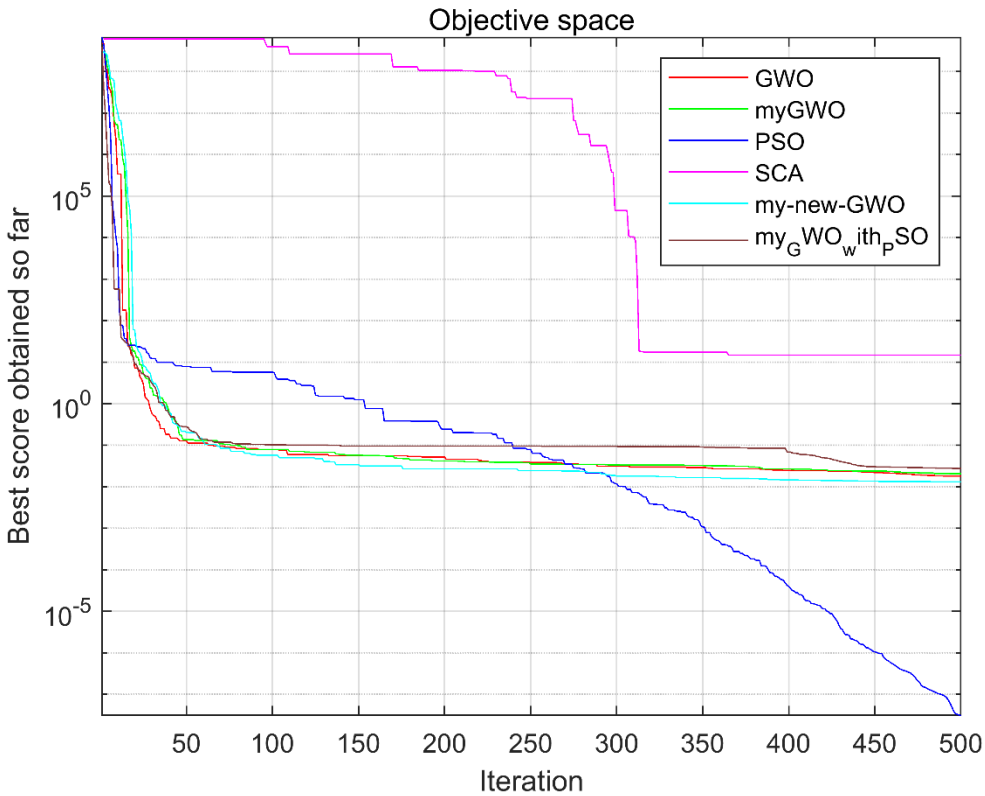

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

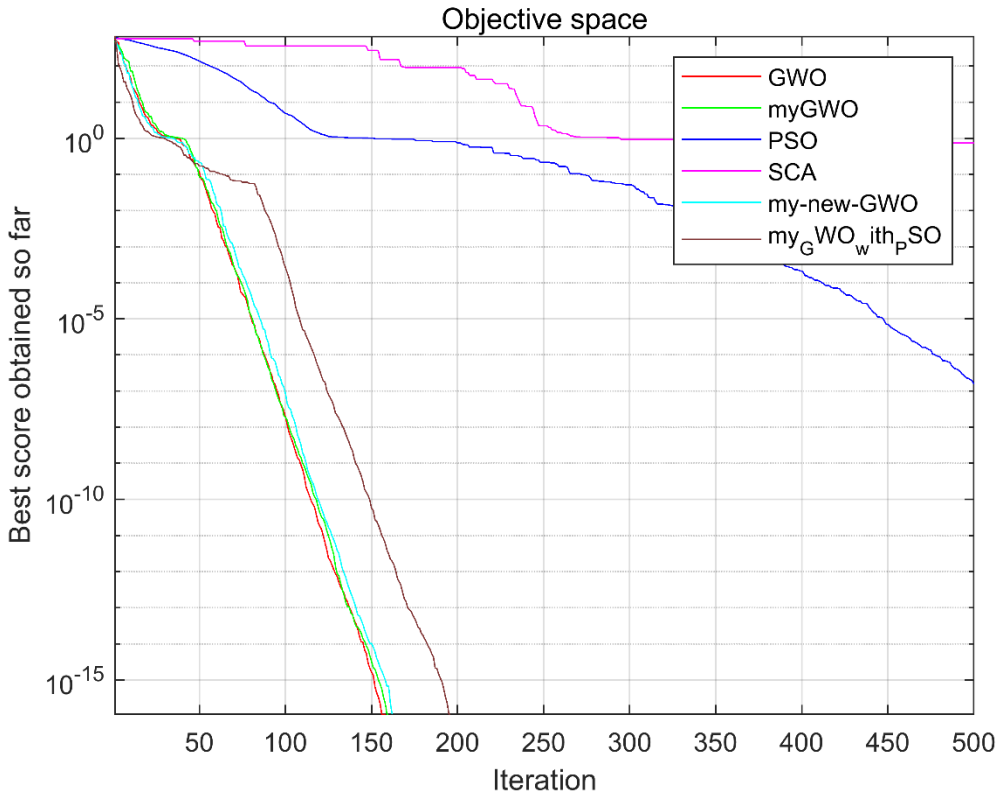

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

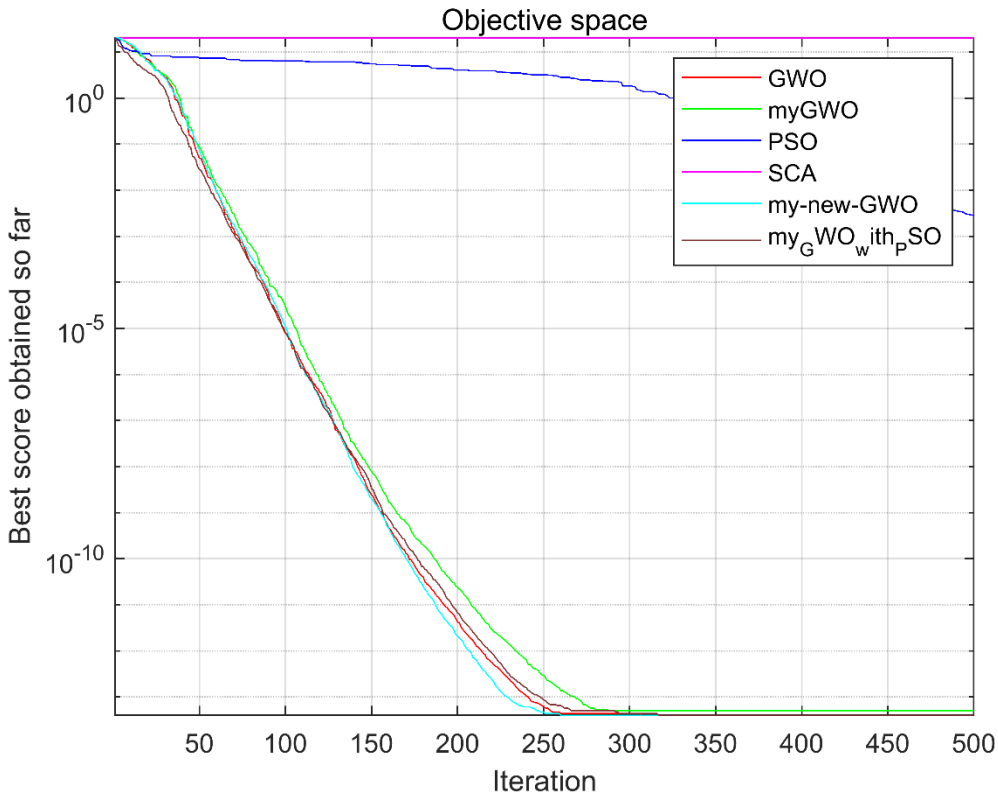

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^-1
10^-2
10^-3
50
100
150
200
250
300
350
400
450
500

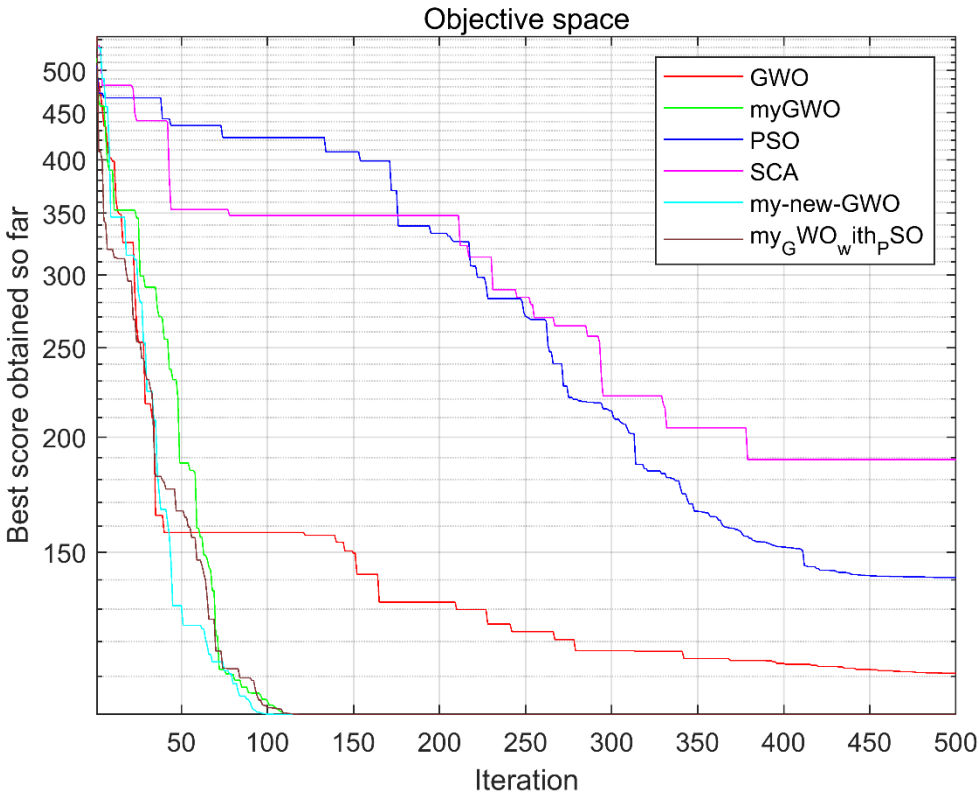

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^1
10^0
50
100
150
200
250
300
350
400
450
500

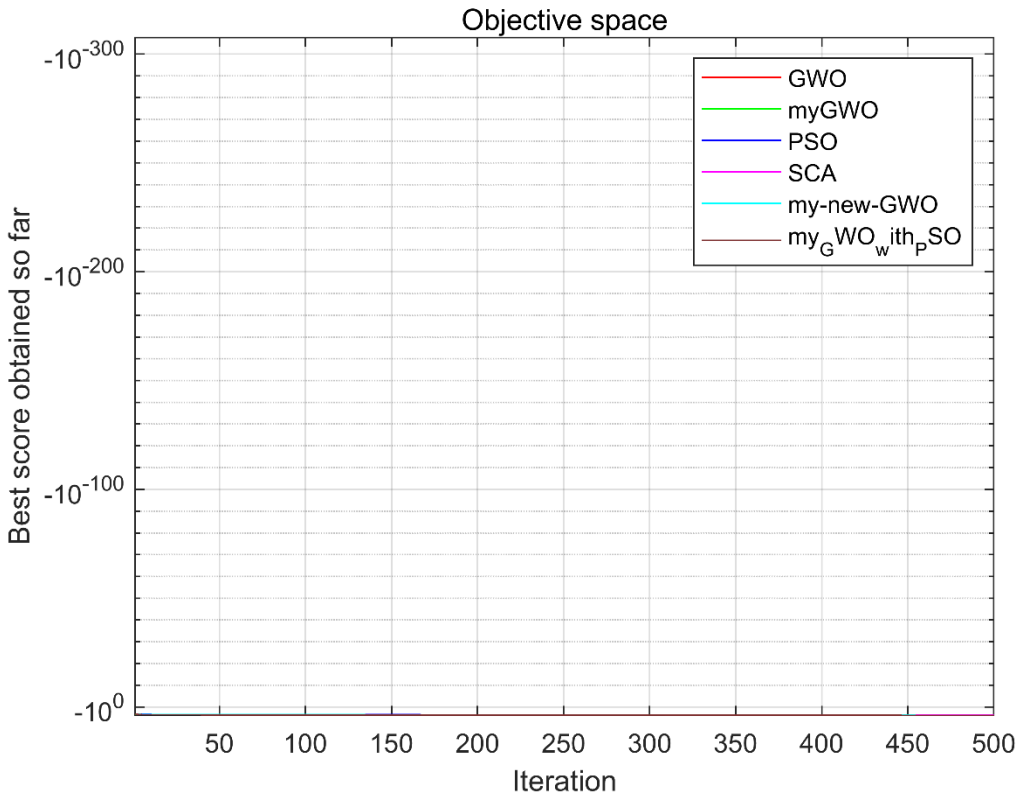

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^5
10^0
10^-5
50
100
150
200
250
300
350
400
450
500

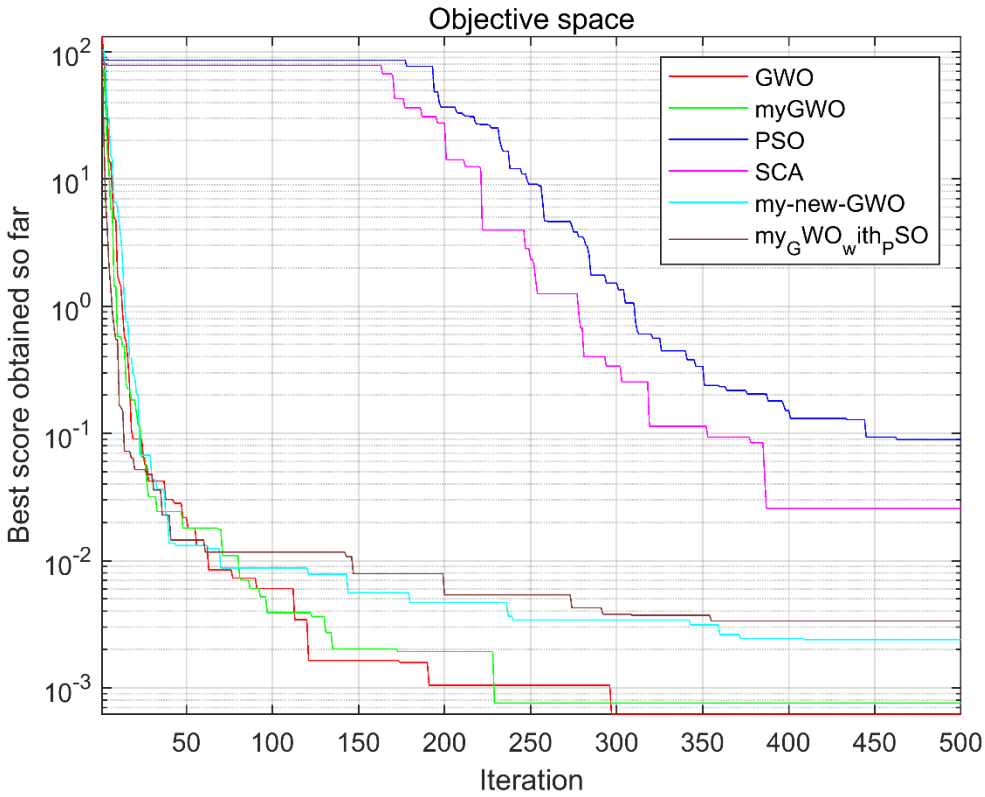

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^5
10^0
10^-5
50
100
150
200
250
300
350
400
450
500

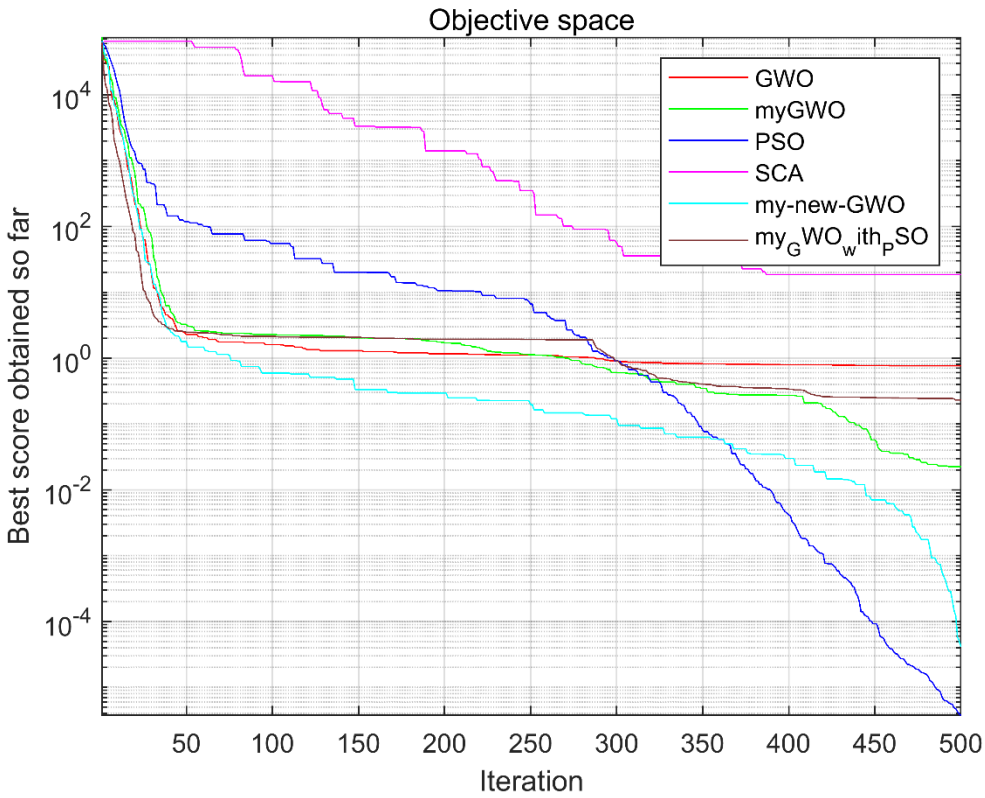

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^0
10^-5
10^-10
10^-15
50
100
150
200
250
300
350
400
450
500

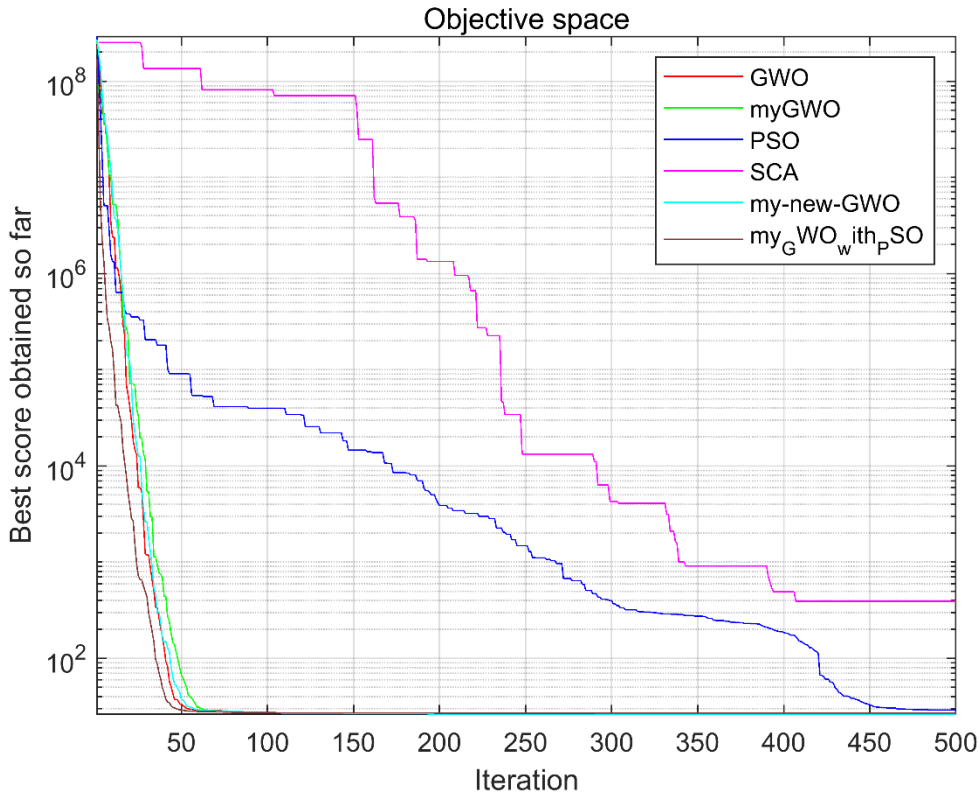

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^0
10^-5
10^-10
50
100
150
200
250
300
350
400
450
500

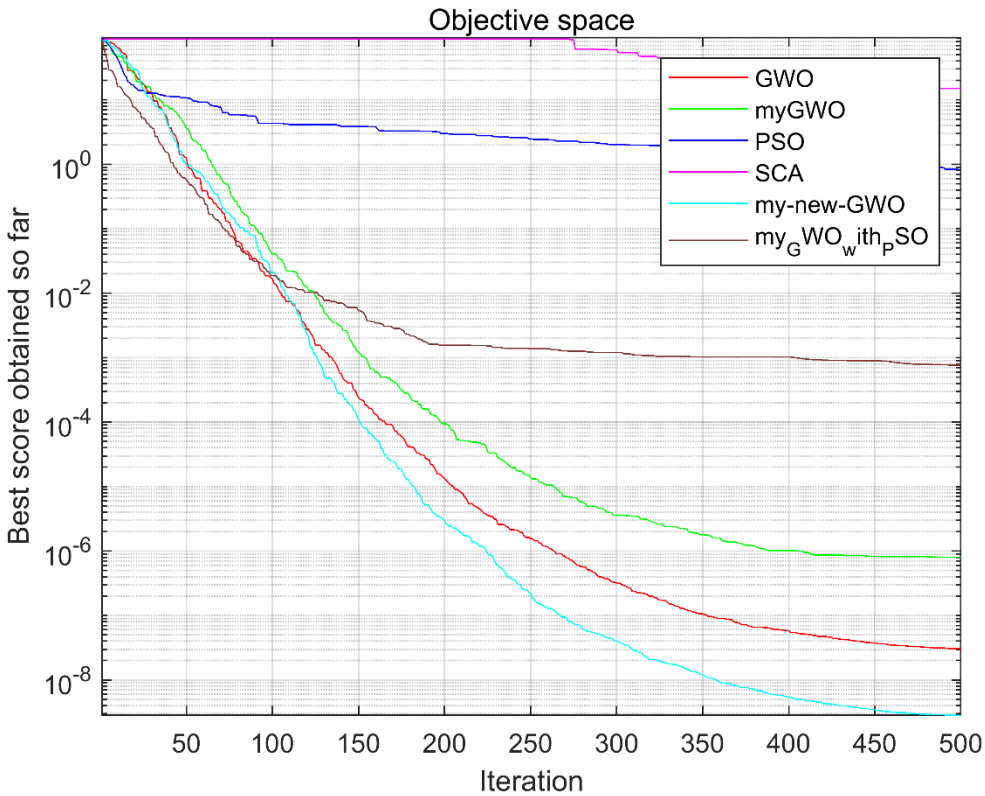

Objective space
Best score obtained so far
Iteration
500
450
400
350
300
250
200
150
50
100
150
200
250
300
350
400
450
500
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

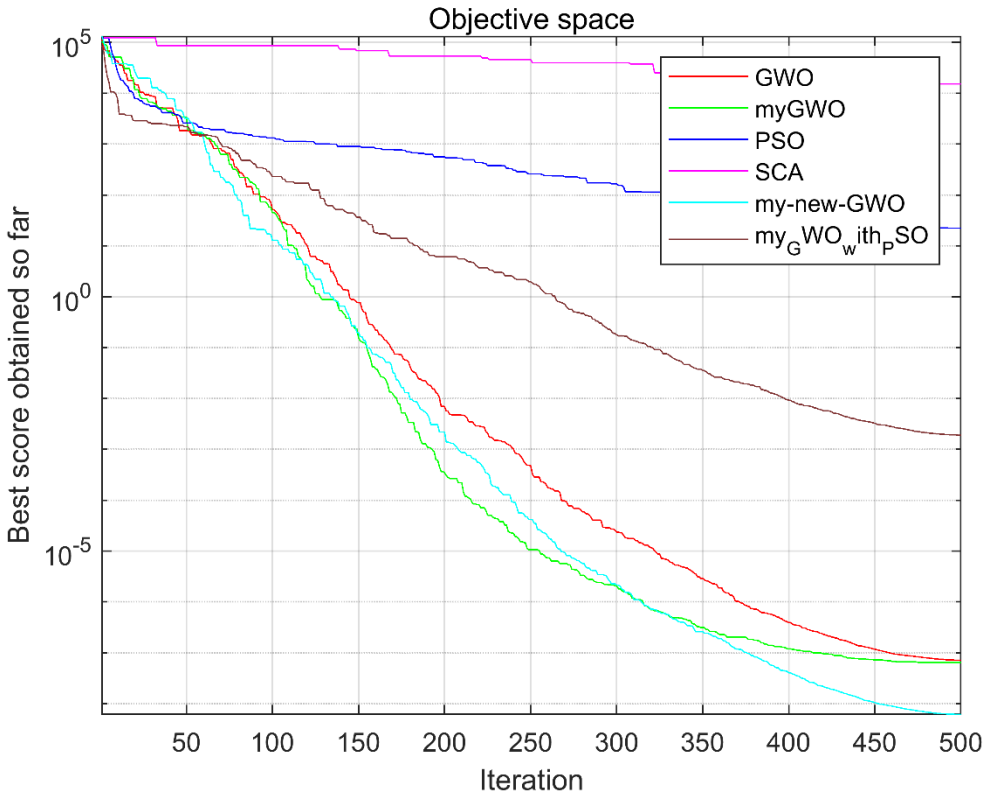

Objective space
Best score obtained so far
Iteration
-10^-300
-10^-200
-10^-100
-10^0
50
100
150
200
250
300
350
400
450
500
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

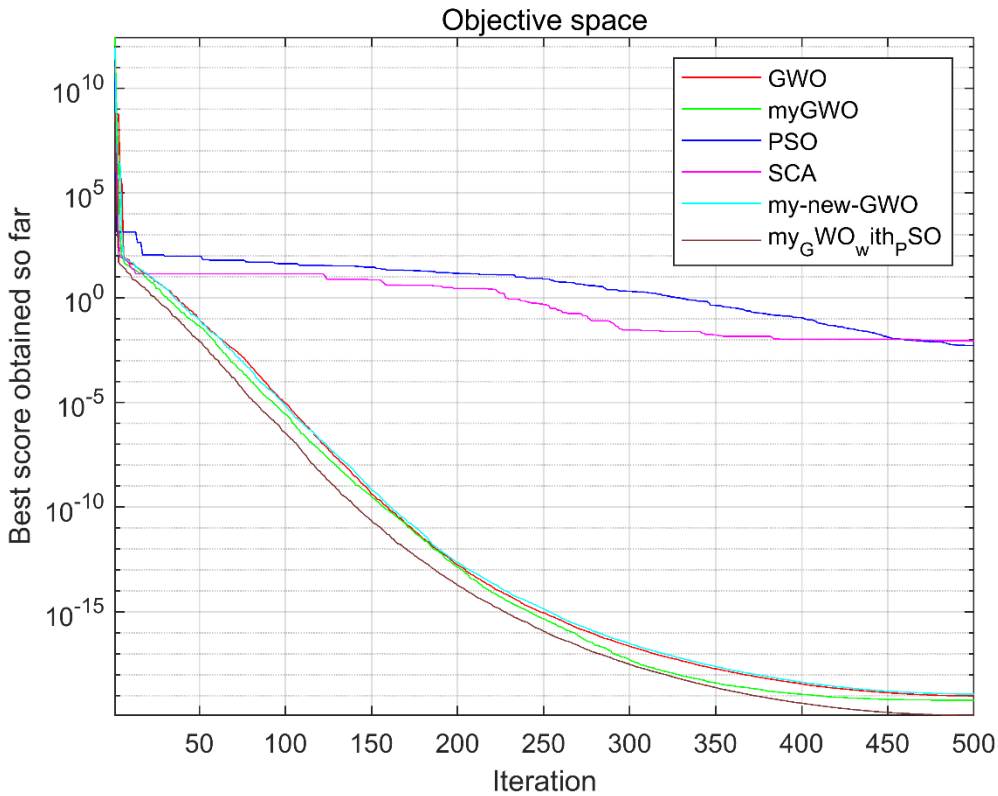

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO

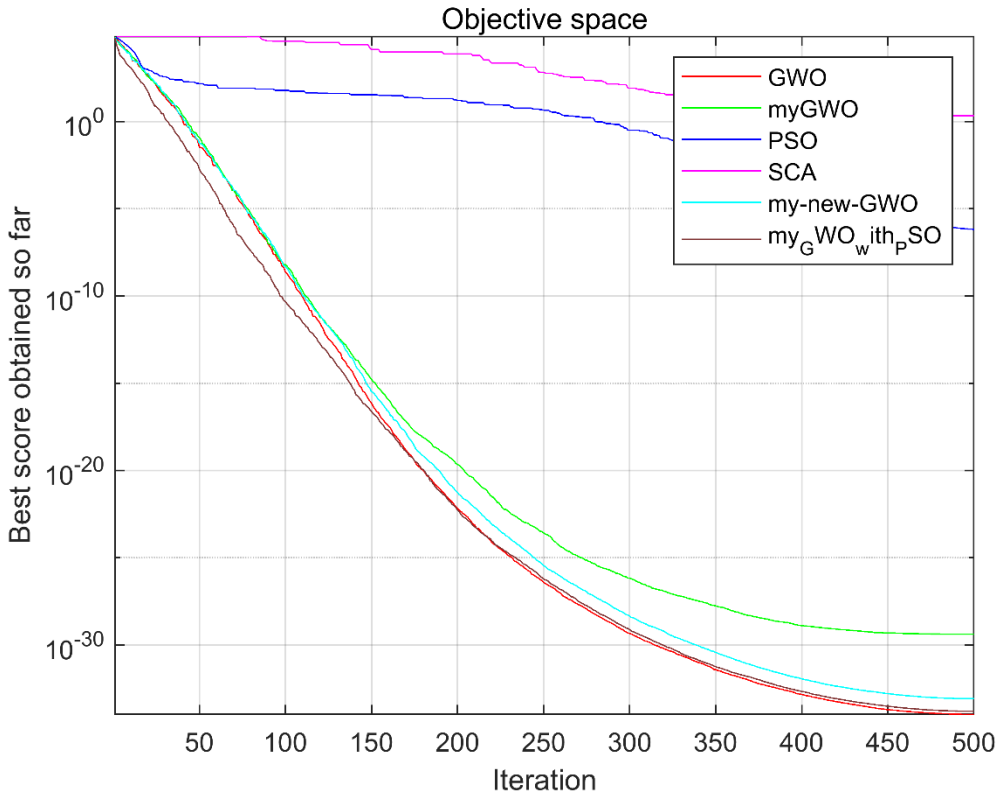

Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO


Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^8
10^6
10^4
10^2
50
100
150
200
250
300
350
400
450
500


Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^0
10^-2
10^-4
10^-6
10^-8
50
100
150
200
250
300
350
400
450
500


Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO


Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO


Objective space
Best score obtained so far
Iteration
GWO
myGWO
PSO
SCA
my-new-GWO
my_GWO_with_PSO
10^0
10^-10
10^-20
10^-30
50
100
150
200
250
300
350
400
450
500