Identifier	Datatype	min Value	max value	DErand1	DEbest1	DEbest2	DErtb1	PSO_GSC	PSO_GSCD	PSO_NSC	PSO_GNSC
NP	int	5	-	50	50	50	50	100	100	100	100
N	int	1	-	5	5	5	5	30	30	30	30
convergence	double	0	-	1	1	1	1	1	1	1	1
maxGenerations	int	0	-	1000	1000	1000	1000	5000	5000	5000	5000
F	double	0	-	0.3	0.3	0.3	0.3	-	-	-	-
CR	double	0	1	0.3	0.3	0.3	0.3	-	-	-	-
Lambda	double	0	-	-	-	-	0.3	-	-	-	-
w	double	0	1	-	-	-	-	0.9	0.9	0.9	0.9
cc	double	0	1	-	-	-	-	0.5	0.5	0.5	0.5
cs	double	0	1	-	-	-	-	0.9	0.9	0.9	0.9
dt	double	0	2	-	-	-	-	1	1	1	1
neighbors	int	1	NP-1	-	-	-	-	-	-	10	10
decayStart	double	0	1	-	-	-	-	-	0.9	-	-
decayEnd	double	0	1	-	-	-	-	-	0.4	-	-
printfile	boolean	false	true	false	false	false	false	false	false	false	false
printPositionFile	boolean	false	true	false	false	false	false	false	false	false	false
printConvergenceFile	boolean	false	true	false	false	false	false	false	false	false	false