




 GlobalOptimizerAndLocalOptimizer
global_optimizer : GlobalOptimizer local_optimizer : LocalOptimizer
optimize(f, variables, global_num_init_const, X_init, global_maxeval, local_maxeval)


 ScipyConstrOptimizer
maxeval_kwarg : dict opt_type : str scipy_methods : list
get_addit_scipy_kwargs(variables)


 ScipyUnconstrOptimizer
opt_type : str scipy_methods : list
get_addit_scipy_kwargs(variables)


 GeneticAlgorithm
const_mut_rate : float const_mut_strength : float crossover_type : str eps : float gen_size : int mut_rate : float mut_strength : float mutation_type : str n_elitism : int n_stuck_gen : int one_fifth_rule : bool p_crossover : float p_mutation : float p_random : float selection_random : bool selection_type : str
crossover(parent1, parent2, variables, crossover_type) is_stopped(n_gen, n_eval, impr_gen, maxeval) mutation(x, variables, mutation_type, one_fifth_rule) selection(f, variables, X_gen, Y_gen, selection_type)


 ManuallyConstrOptimizer
maximize : bool optimizer : ScipyUnconstrOptimizer out_of_bounds : float
optimize(f, variables)


 ScipyOptimizer
method opt_type : str scipy_methods : list
check_variables(variables) <i>get_addit_scipy_kwargs(variables)</i>


 GlobalOptimizer
initial_design(f, variables, num_init, X_init) optimize(f, variables, num_init_const, X_init, maxeval)

 ConstrainedOptimizer
check_variables(variables)

 LocalOptimizer
optimize(f, variables, x0, options, maxeval)

 ContinuousOptimizer
check_variables(variables)

 UnconstrainedOptimizer
check_variables(variables)

 Optimizer
maximize : bool
check_variables(variables) optimize(f, variables, maxeval)

