

约束多目标优化问题(CMOP)

目标函数:
 $F(X) = [f_1(X), \dots, f_m(X)]$
 决策变量:
 $X = [x_1, \dots, x_n]$
 边界约束:
 $ub = [ub_1, \dots, ub_n]$
 $lb = [lb_1, \dots, lb_n]$
 复杂约束:
 $g_c(X) \leq 0, c = 1, \dots, l$
 $h_b(X) = 0, b = 1, \dots, k$
 问题定义:
 $Minimize F(X) = [f_1(X), \dots, f_m(X)]$
 $s.t. \begin{cases} g_i(X) \leq 0, i = 1, \dots, l \\ h_j(X) = 0, j = 1, \dots, k \end{cases}$

融合改进的学习辅助的约束多目标进化算法 Incorporating Improved Learning-Aided Constrained Multi-Objective Evolutionary Algorithm

