1 D:\Python\Python\setroute\python.exe "D:\Python\Pycharm\setroute\PyCharm Community Edition 2021.2.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=5476
2
3 import sys; print('Python %s on %s' % (sys.version, sys.platform))
4 sys.path.extend(['E:\\1 □□□□\\3 □□□□□\\1 □□□□□□□\\1 □□□□□□□□□\\1_□□□□□□_□□□□\\1_LW _□□□□1\\4 □□□□□\\3 python_code\\9 Code for this paper', 'E:/1 □□□□/3 □□□□□/1 □□□□□□□/1 □□□□□□□□□/1_□□□□□□_□□□□/1_LW _□□□□1/4 □□□□□/3 python_code/9 Code for this paper'])
5
6 PyDev console: starting.
7
8 Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32
9 >>> runfile('E:/1 □□□□/3 □□□□□/1 □□□□□□□/1 □□□□□□□□□/1_□□□□□□_□□□□/1_LW _□□□□1/4 □□□□□/3 python_code/9 Code for this paper/main_ECCG_deterministic.py', wdir='E:/1 □□□□/3 □□□□□/1 □□□□□□□/1 □□□□□□□□□/1_□□□□□□_□□□□/1_LW _□□□□1/4 □□□□□/3 python_code/9 Code for this paper')
10 Backend TkAgg is interactive backend. Turning interactive mode on.
11 Waiting 5s......
12
13 Optimize the ./R_6_5.xlsx instance by ECCG for deterministic model
14
15 Set parameter MIPGap to value 0.01
16   Master protblem status = 2 , is Optimal and MP obj = 305.0
17 The initial lb = -inf   ub = inf
18
19 The current iteration cnt = 0
20   The SP model was solved Optimal 2 and SPObj = 305.0
21   Deterministic Sub problem Status= 2 , is Optimal
22   Master protblem status = 2 , is Optimal
23   lb = 514.0   ub = 514.0
24   MPObj = 514.0   MP_delete_Hua_Obj = 305.0   Hua = 209.0   SPObj = 305.0   MP_SP_Obj = 209.0   Deter_SP_Obj = 209.0
25
26 ub - lb = 0.0
27
28 Iteration cycle stopped by termination criterion 1: Because ub - lb <= eps, the iteration stop, and cnt = 0
29   i: 0.0 l_i: 6.0 p_i: 24.0 al_i: 31.0   sol_a_i: 31.0 sol_g_i: 0.0 d_i: 54.0 sol_taoi: 31.0 sol_deltai: 52.0 sol_deltai - sol_taoi: 21.0 sol_taoP: 31.0 sol_deltaP: 36.0   sol_deltaP - sol_taoP: 5.0 cl_i: 5359714.0   sol_c_i: 5359714.0 sol_gp_i: 0.0 total work: 5404702.0   wasted work: 0.1706391952784816
30   i: 1.0 l_i: 4.0 p_i: 13.0 al_i: 40.0   sol_a_i: 40.0 sol_g_i: 0.0 d_i: 61.0 sol_taoi: 40.0 sol_deltai: 59.0 sol_deltai - sol_taoi: 19.0 sol_taoP: 40.0 sol_deltaP: 44.0   sol_deltaP - sol_taoP: 4.0 cl_i: 4895377.0   sol_c_i: 4895377.0 sol_gp_i: 0.0 total work: 5141058.0   wasted work: 0.931866456281956
31   i: 2.0 l_i: 5.0 p_i: 19.0 al_i: 29.0   sol_a_i: 29.0 sol_g_i: 0.0 d_i: 58.0 sol_taoi: 29.0 sol_deltai: 56.0 sol_deltai - sol_taoi: 27.0 sol_taoP: 29.0 sol_deltaP: 35.0   sol_deltaP - sol_taoP: 6.0 cl_i: 7083212.0   sol_c_i: 7083212.0 sol_gp_i: 0.0 total work: 7250210.0   wasted work: 0.6334223422493969
32   i: 3.0 l_i: 4.0 p_i: 7.0 al_i: 15.0   sol_a_i: 15.0 sol_g_i: 0.0 d_i: 28.0 sol_taoi: 15.0 sol_deltai: 26.0 sol_deltai - sol_taoi: 11.0 sol_taoP: 15.0 sol_deltaP: 18.0   sol_deltaP - sol_taoP: 3.0 cl_i: 2853823.0   sol_c_i: 2853823.0 sol_gp_i: 0.0 total work: 3163728.0   wasted work: 1.175467676108692
33   i: 4.0 l_i: 7.0 p_i: 0.0 al_i: 24.0   sol_a_i: 24.0 sol_g_i: 0.0 d_i: 57.0 sol_taoi: 24.0 sol_deltai: 51.0 sol_deltai - sol_taoi: 27.0 sol_taoP: 24.0 sol_deltaP: 31.0   sol_deltaP - sol_taoP: 7.0 cl_i: 6925790.0   sol_c_i: 6925790.0 sol_gp_i: 0.0 total work: 7118388.0   wasted work: 0.7305229779551213
34   i: 5.0 l_i: 6.0 p_i: 7.0 al_i: 33.0   sol_a_i: 33.0 sol_g_i: 0.0 d_i: 64.0 sol_taoi: 33.0 sol_deltai: 61.0 sol_deltai - sol_taoi: 28.0 sol_taoP: 33.0 sol_deltaP: 45.0   sol_deltaP - sol_taoP: 12.0 cl_i: 7286814.0   sol_c_i: 7286814.0 sol_gp_i: 0.0 total work: 7382032.0   wasted work: 0.36116126291514317
35 Time: 57.000000
36
37
38
39