Step[190]: x=[0.951079 0.904481] optim_fx=0.002394

Step[191]: x=[0.951218 0.904509] optim_fx=0.002389

Step[192]: x=[0.951143 0.904748] optim_fx=0.002388

Step[193]: x=[0.951390 0.904719] optim_fx=0.002381

Step[194]: x=[0.951265 0.904884] optim_fx=0.002375

Step[195]: x=[0.951440 0.904892] optim_fx=0.002370

Step[196]: x=[0.951373 0.905027] optim_fx=0.002365

Step[197]: x=[0.951501 0.905060] optim_fx=0.002361

Step[198]: x=[0.951442 0.905290] optim_fx=0.002358

Step[199]: x=[0.951668 0.905271] optim_fx=0.002352

Step[200]: x=[0.951559 0.905427] optim_fx=0.002347

最速下降法,共迭代 200 步

结果：

x=[9.515588e-01 9.054274e-01] optim_fx=0.002347