ga = GA(func=train\_rf, n\_dim=2,size\_pop=50, max\_iter=50,

**prob\_mut=0.3,lb=[10,1], ub=[100,20], precision=1e-5)**

**------** **prob\_mut=0.2、0.1、0.05、0.01同**

best\_x: [20.20646573 7.24311173]

best\_y: 0.9906057363693707

best\_x[0]: 20

best\_x[1]: 7

MAE\_train: 0.02383026133159697

MSE\_train: 0.003199467057035503

RMSE\_train: 0.05656383170397408

MAPE\_train: 138.54833246711908

r2\_score\_train: 0.892155154540634

EV\_train: 0.8923960622082959

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MAE\_test: 0.003695270274015977

MSE\_test: 6.472065944756462e-05

RMSE\_test: 0.008044915129916824

MAPE\_test: 4.464816181084529

r2\_score\_test: 0.9906057363693707

EV\_test: 0.9908122401809871