Genetic Algorithm and Direct Search Toolbox Release Notes

Introducing the Genetic Algorithm and Direct Search Toolbox

The Genetic Algorithm and Direct Search Toolbox, which was released in Version 1.0 as a Web download, extends the optimization capabilities in MATLAB and the Optimization Toolbox with tools for using genetic and direct search algorithms. You can use these algorithms for problems that are difficult to solve with traditional optimization techniques, including problems that are not well defined or are difficult to model mathematically. You can also use them when computation of the objective function is discontinuous, highly nonlinear, stochastic, or has unreliable or undefined derivatives.

Bug Fixes in Version 1.0.1

The Genetic Algorithm and Direct Search Toolbox 1.0.1 includes several bug fixes made since Version 1.0. You can see a list of the particularly important Version 1.0.1 bug fixes in the online release notes.