Package 'rminqa'

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Type Package
Title Derivative-Free Optimization in R using C++
Version 0.2.2
Date 2022-12-08
Maintainer Yi Pan <ypan1988@gmail.com></ypan1988@gmail.com>
Description Perform derivative-free optimization algorithms in R using C++. A wrapper interface is provided to call C function of the 'bobyqa' implementation (See https://github.com/emmt/Algorithms/tree/master/bobyqa).
License GPL (>= 2)
Encoding UTF-8
SystemRequirements C++11
Imports Rcpp (>= 1.0.7)
LinkingTo Rcpp
RoxygenNote 7.1.2
Suggests minqa
NeedsCompilation yes
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Repository CRAN
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R topics documented:
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bobyqa_rosen_x1

Example 1a: Minimize Rosenbrock function using bobyqa

Description

Minimize Rosenbrock function using bobyqa and expect a normal exit from bobyqa.

Usage

```
bobyqa_rosen_x1()
```

Value

No return value, called for side effects.

Examples

bobyqa_rosen_x1e

Example 1b: Minimize Rosenbrock function using bobyqa

Description

Minimize Rosenbrock function using bobyqa and expect a normal exit from bobyqa.

Usage

```
bobyqa_rosen_x1e()
```

Value

No return value, called for side effects.

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Examples

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rminga

Description

Perform derivative-free optimization algorithms in R using C++. A wrapper interface is provided to call C function of the bobyqa implementation.

Author(s)

Yi Pan, Samuel Watson

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