# Package 'mhHelper'

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Title What the Package Does (Title Case)
Version 0.1.0
Author Who wrote it
Maintainer The package maintainer <yourself@somewhere.net></yourself@somewhere.net>
<b>Description</b> More about what it does (maybe more than one line) Use four spaces when indenting paragraphs within the Description.
License What license is it under?
Encoding UTF-8
LazyData true
R topics documented:
array_generator fitness_proportional heap_generator mutations perm_uniqueness point_crossovers random_binary swap_between swap_within uniform_crossovers  Index
array_generator Generate all possible combinations of items
Usage
array_generator(x)
Arguments
v

2 heap\_generator

#### **Examples**

```
##---- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.

## The function is currently defined as
function (x)
{
    }
```

fitness\_proportional Fitness Proportional

## Usage

```
fitness_proportional(x)
```

#### **Arguments**

Х

#### **Examples**

```
##--- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

heap\_generator

Generate permutations using Heap's algorithm

#### Usage

```
heap_generator(x)
```

#### **Arguments**

Х

```
##---- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

mutations 3

mutations

Mutations

#### Usage

```
mutations(x)
```

## Arguments

Х

## **Examples**

```
##---- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

perm\_uniqueness

Perm uniqueness

#### Usage

```
perm_uniqueness(x)
```

#### **Arguments**

Χ

```
##---- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

random\_binary

point\_crossovers

Point crossovers

## Usage

```
point_crossovers(x)
```

#### **Arguments**

Х

## **Examples**

```
##---- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

random\_binary

Create random binary sequences

## Usage

```
random_binary(x)
```

#### **Arguments**

Х

```
##--- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

swap\_between 5

swap\_between

Swap values of specified vector indices

## Usage

```
swap_between(x)
```

## **Arguments**

Х

## **Examples**

```
##---- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

swap\_within

Swap elements in a list

## Usage

```
swap_within(x)
```

#### **Arguments**

х

```
##--- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

6 uniform\_crossovers

uniform\_crossovers

Uniform Crossovers

## Usage

```
uniform_crossovers(x)
```

#### **Arguments**

Χ

```
##---- Should be DIRECTLY executable !! ----
##-- ==> Define data, use random,
##--or do help(data=index) for the standard data sets.
## The function is currently defined as
function (x)
{
    }
```

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