

Package: xegaPermGene (via r-universe)

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Title Operations on Permutation Genes

Version 1.0.0.1

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Description An implementation of representation-dependent gene level operations for genetic algorithms with genes representing permutations: Initialization of genes, mutation, and crossover. The crossover operation provided is position-based crossover (Syswerda, G., Chap. 21 in Davis, L. (1991, ISBN:0-442-00173-8). For mutation, several variants are included: Order-based mutation (Syswerda, G., Chap. 21 in Davis, L. (1991, ISBN:0-442-00173-8), randomized Lin-Kernighan heuristics (Croes, G. A. (1958) <doi:10.1287/opre.6.6.791> and Lin, S. and Kernighan. B. W. (1973) <doi:10.1287/opre.21.2.498>), and randomized greedy operators. A random mix operator for mutation selects a mutation variant randomly.

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URL <<https://github.com/ageyerschulz/xegaPermGene>>

Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

Suggests testthat (>= 3.0.0)

Imports xegaSelectGene

Repository <https://ageyerschulz.r-universe.dev>

RemoteUrl <https://github.com/ageyerschulz/xegapermgene>

RemoteRef HEAD

RemoteSha 9634a9a573db7875635aa88c63286ce0e041e929