Genetic Algorithms HW 2

Due: 2019/12/27 27:00

Implement an ecGA model builder

with any programming language of your choice!

http://140.112.175.111:8888/ga_hw2.html

Enter Your Student ID : submit

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popu000.txt

```
0011100100011010010111001111110001010100011101101110
1110100000110001111111011000100011000110111011000
010100000000011101101101100000000101110011101110001
```

Implement an ecGA model builder

with any programming language of your choice!

```
[# BB]
[#genes] [idx] [idx] [idx]
[#genes] [idx] [idx] [idx]
```

```
15
2 10 11
3 2 14 37
  45
  1 16 23 30
  0 46 47 48 49
5 4 12 28 17 33
5 5 7 31 39 15
5 6 26 20 25 29
4 8 32 36 21
  9 13 34 18
2 19 22
1 24
  40 41 42 43 44
3 27 35 38
```

15 2 10 11 3 2 14 37 1 45 4 1 16 23 30 5 0 46 47 48 49 5 4 12 28 17 33 5 5 7 31 39 15 5 6 26 20 25 29 4 8 32 36 21 4 9 13 34 18 2 19 22 1 24 4 40 41 42 43 44

3 27 35 38

The order does not matter!



mpm000.txt





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Generation 1

Download popu001.txt

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Download popu000.txt

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upload

Generation 1

Download popu001.txt

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upload

Generation 2

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Browse

upload

Generation 3

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Gen:3 Fitness:(Max/Mean/Min):77.857143/50.539286/26.250000 Chromsome Length:50 best chromosome:11010001010110010101001001101100010101101101

Generation 4

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upload

Generation 1

Download popu001.txt

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upload

Generation 2

Download popu002.txt

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upload

Generation 3

Download popu003.txt

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upload

Download popu000.txt

Upload your file

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Generation 1

Download popu001.txt

Upload your file

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Generation 2

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Download popu000.txt

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Generation 1

Download popu001.txt

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Generation 2

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Generation 3

Download popu003.txt

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Download popu000.txt

Upload your file

Browse

upload

Generation 1

Download popu001.txt

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Download popu028.txt



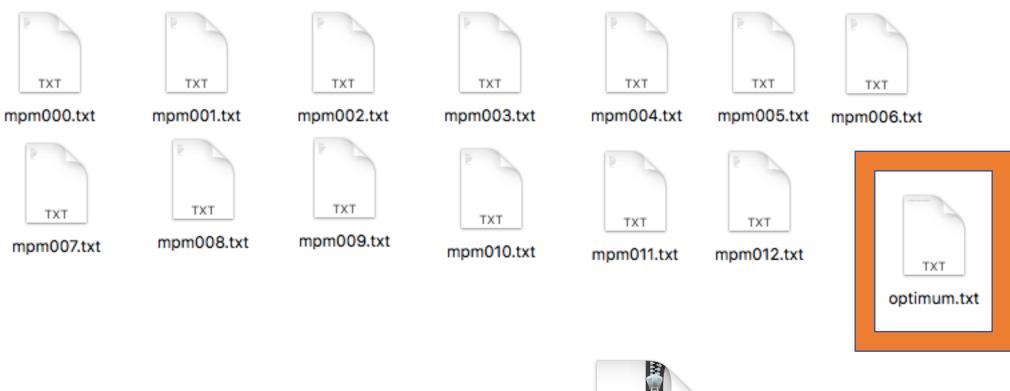
Browse

upload

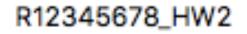
Gen:28 Fitness:(Max/Mean/Min):100.000000/94.378482/82.857143 Chromsome Length:50



optimum.txt









R12345678_HW2.zip

http://140.112.175.111:8888/ga_hw2.html

Thank you!

Q & A

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