

```
>> ForwardSelectionFinal
```

```
1ª Iteração
```

```
-> (1)=0.281209
```

```
(2)=0.259886
```

```
(3)=0.272222
```

```
(4)=0.269363
```

```
(5)=0.280392
```

```
(6)=0.275817
```

```
(7)=0.279493
```

```
-> (8)=0.291993
```

```
(9)=0.285621
```

```
(10)=0.290033
```

```
(11)=0.274918
```

```
(12)=0.275163
```

```
(13)=0.290441
```

```
(14)=0.291340
```

```
-> (15)=0.296487
```

```
(16)=0.295180
```

```
-> (17)=0.303513
```

```
(18)=0.295507
```

```
-> (19)=0.304984
```

```
(20)=0.296324
```

```
-> (21)=0.312255
```

```
(22)=0.226144
```

```
(23)=0.220833
```

```
(24)=0.216422
```

```
(25)=0.218382
```

```
(26)=0.239461
```

```
(27)=0.233252
```

```
(28)=0.252859
```

```
(29)=0.221160
```

```
(30)=0.235376
```

```
(31)=0.247794
```

```
(32)=0.260049
```

```
(33)=0.262092
```

```
(34)=0.256291
```

```
(35)=0.247059
```

```
(36)=0.245098
```

```
(37)=0.259069
```

```
(38)=0.247549
```

```
(39)=0.268219
```

```
(40)=0.273121
```

```
(41)=0.273775
```

```
(42)=0.285294
```

```
(43)=0.276552
```

```
(44)=0.297467
```

```
-> (45)=0.324837
```

```
(46)=0.323529
```

```
-> (47)=0.327288
```

```
(48)=0.314379
```

```
(49)=0.306454
```

```
(50)=0.307680
```

```
(51)=0.308415
```

```
(52)=0.310539
```

```
(53)=0.310866
```

```
(54)=0.326471
(55)=0.327124
(56)=0.303676
(57)=0.314542
(58)=0.293791
(59)=0.314542
(60)=0.298039
-> (61)=0.342974
(62)=0.342565
-> (63)=0.343709
-> (64)=0.392892
```

Melhor (64)=0.392892

2ª Iteração

```
-> ( 64 1 ) - 0.692565
( 64 2 ) - 0.683824
( 64 3 ) - 0.673448
( 64 4 ) - 0.668546
( 64 5 ) - 0.683660
( 64 6 ) - 0.681536
( 64 7 ) - 0.691258
( 64 8 ) - 0.683415
( 64 9 ) - 0.671324
( 64 10 ) - 0.672549
( 64 11 ) - 0.685458
( 64 12 ) - 0.682598
( 64 13 ) - 0.682843
( 64 14 ) - 0.692239
( 64 15 ) - 0.672958
( 64 16 ) - 0.681127
( 64 17 ) - 0.684559
( 64 18 ) - 0.692157
( 64 19 ) - 0.688889
( 64 20 ) - 0.690523
( 64 21 ) - 0.686275
( 64 22 ) - 0.685131
( 64 23 ) - 0.653268
( 64 24 ) - 0.650490
( 64 25 ) - 0.680474
( 64 26 ) - 0.668873
( 64 27 ) - 0.661111
-> ( 64 28 ) - 0.697467
( 64 29 ) - 0.682271
( 64 30 ) - 0.674265
( 64 31 ) - 0.691095
( 64 32 ) - 0.681863
( 64 33 ) - 0.681373
( 64 34 ) - 0.668791
( 64 35 ) - 0.669363
( 64 36 ) - 0.687745
-> ( 64 37 ) - 0.716340
( 64 38 ) - 0.683007
( 64 39 ) - 0.685948
( 64 40 ) - 0.699673
```

```
( 64 41 ) - 0.696487
( 64 42 ) - 0.708170
( 64 43 ) - 0.678023
-> ( 64 44 ) - 0.723856
( 64 45 ) - 0.696732
( 64 46 ) - 0.710458
( 64 47 ) - 0.672631
( 64 48 ) - 0.676634
( 64 49 ) - 0.696814
( 64 50 ) - 0.688072
( 64 51 ) - 0.693627
( 64 52 ) - 0.693627
( 64 53 ) - 0.695997
( 64 54 ) - 0.700408
( 64 55 ) - 0.679657
( 64 56 ) - 0.670507
( 64 57 ) - 0.679739
( 64 58 ) - 0.681373
( 64 59 ) - 0.694036
( 64 60 ) - 0.686275
( 64 61 ) - 0.672141
( 64 62 ) - 0.672059
( 64 63 ) - 0.674020
```

Melhor (64 44) - 0.723856±0.009497

3ª Iteração

```
-> ( 64 44 1 ) - 0.849346
( 64 44 2 ) - 0.835703
( 64 44 3 ) - 0.836928
( 64 44 4 ) - 0.836193
( 64 44 5 ) - 0.847712
( 64 44 6 ) - 0.843791
( 64 44 7 ) - 0.843464
( 64 44 8 ) - 0.847876
( 64 44 9 ) - 0.829412
( 64 44 10 ) - 0.836683
( 64 44 11 ) - 0.838971
( 64 44 12 ) - 0.838072
( 64 44 13 ) - 0.838889
-> ( 64 44 14 ) - 0.851307
( 64 44 15 ) - 0.834804
( 64 44 16 ) - 0.835212
( 64 44 17 ) - 0.840768
( 64 44 18 ) - 0.841830
( 64 44 19 ) - 0.838807
( 64 44 20 ) - 0.841503
( 64 44 21 ) - 0.843709
( 64 44 22 ) - 0.845997
( 64 44 23 ) - 0.826144
( 64 44 24 ) - 0.831863
( 64 44 25 ) - 0.846078
( 64 44 26 ) - 0.836275
( 64 44 27 ) - 0.827124
( 64 44 28 ) - 0.847141
```

```
( 64 44 29 ) - 0.844363
( 64 44 30 ) - 0.838725
-> ( 64 44 31 ) - 0.851634
( 64 44 32 ) - 0.837908
( 64 44 33 ) - 0.838072
( 64 44 34 ) - 0.832190
( 64 44 35 ) - 0.837500
( 64 44 36 ) - 0.839379
( 64 44 37 ) - 0.850245
( 64 44 38 ) - 0.842075
( 64 44 39 ) - 0.838807
( 64 44 40 ) - 0.845343
( 64 44 41 ) - 0.842647
( 64 44 42 ) - 0.851062
( 64 44 43 ) - 0.829575
( 64 44 45 ) - 0.843954
-> ( 64 44 46 ) - 0.855637
( 64 44 47 ) - 0.837827
( 64 44 48 ) - 0.834150
( 64 44 49 ) - 0.838072
( 64 44 50 ) - 0.839297
( 64 44 51 ) - 0.837255
( 64 44 52 ) - 0.843954
( 64 44 53 ) - 0.851552
( 64 44 54 ) - 0.847141
( 64 44 55 ) - 0.843954
( 64 44 56 ) - 0.827941
( 64 44 57 ) - 0.826552
( 64 44 58 ) - 0.837092
( 64 44 59 ) - 0.844690
( 64 44 60 ) - 0.838644
( 64 44 61 ) - 0.815850
( 64 44 62 ) - 0.830882
( 64 44 63 ) - 0.831046
```

Melhor (64 44 46) - 0.855637±0.011176

4ª Iteração

```
-> ( 64 44 46 1 ) - 0.913317
( 64 44 46 2 ) - 0.900163
( 64 44 46 3 ) - 0.896650
( 64 44 46 4 ) - 0.895016
( 64 44 46 5 ) - 0.902451
( 64 44 46 6 ) - 0.903758
( 64 44 46 7 ) - 0.904575
( 64 44 46 8 ) - 0.905474
( 64 44 46 9 ) - 0.894526
( 64 44 46 10 ) - 0.897304
( 64 44 46 11 ) - 0.895016
( 64 44 46 12 ) - 0.893546
( 64 44 46 13 ) - 0.894690
( 64 44 46 14 ) - 0.904820
( 64 44 46 15 ) - 0.895915
( 64 44 46 16 ) - 0.893301
( 64 44 46 17 ) - 0.897712
```

```
( 64 44 46 18 ) - 0.896078
( 64 44 46 19 ) - 0.898203
( 64 44 46 20 ) - 0.893546
( 64 44 46 21 ) - 0.897467
( 64 44 46 22 ) - 0.911111
( 64 44 46 23 ) - 0.900735
( 64 44 46 24 ) - 0.905801
( 64 44 46 25 ) - 0.906944
( 64 44 46 26 ) - 0.906781
( 64 44 46 27 ) - 0.899428
( 64 44 46 28 ) - 0.910376
( 64 44 46 29 ) - 0.905556
( 64 44 46 30 ) - 0.908824
( 64 44 46 31 ) - 0.912173
( 64 44 46 32 ) - 0.906373
( 64 44 46 33 ) - 0.903758
( 64 44 46 34 ) - 0.897876
( 64 44 46 35 ) - 0.901389
( 64 44 46 36 ) - 0.910131
( 64 44 46 37 ) - 0.911683
( 64 44 46 38 ) - 0.906127
( 64 44 46 39 ) - 0.907435
( 64 44 46 40 ) - 0.911193
( 64 44 46 41 ) - 0.906618
( 64 44 46 42 ) - 0.905065
( 64 44 46 43 ) - 0.903922
( 64 44 46 45 ) - 0.906373
( 64 44 46 47 ) - 0.901062
( 64 44 46 48 ) - 0.892565
( 64 44 46 49 ) - 0.897059
( 64 44 46 50 ) - 0.898856
( 64 44 46 51 ) - 0.896324
( 64 44 46 52 ) - 0.897222
( 64 44 46 53 ) - 0.899510
( 64 44 46 54 ) - 0.897467
( 64 44 46 55 ) - 0.892810
( 64 44 46 56 ) - 0.895343
( 64 44 46 57 ) - 0.896487
( 64 44 46 58 ) - 0.894690
( 64 44 46 59 ) - 0.897222
( 64 44 46 60 ) - 0.902288
( 64 44 46 61 ) - 0.887500
( 64 44 46 62 ) - 0.893464
( 64 44 46 63 ) - 0.891258
```

Melhor (64 44 46 1) - 0.913317±0.008710

5ª Iteração

```
-> ( 64 44 46 1 2 ) - 0.932680
( 64 44 46 1 3 ) - 0.932026
-> ( 64 44 46 1 4 ) - 0.933252
-> ( 64 44 46 1 5 ) - 0.934722
-> ( 64 44 46 1 6 ) - 0.938725
-> ( 64 44 46 1 7 ) - 0.939052
( 64 44 46 1 8 ) - 0.935458
```

```
( 64 44 46 1 9 ) - 0.929085
( 64 44 46 1 10 ) - 0.932353
( 64 44 46 1 11 ) - 0.932353
( 64 44 46 1 12 ) - 0.933824
( 64 44 46 1 13 ) - 0.934314
( 64 44 46 1 14 ) - 0.936928
( 64 44 46 1 15 ) - 0.931454
( 64 44 46 1 16 ) - 0.931046
( 64 44 46 1 17 ) - 0.933497
( 64 44 46 1 18 ) - 0.934395
( 64 44 46 1 19 ) - 0.932353
( 64 44 46 1 20 ) - 0.932680
( 64 44 46 1 21 ) - 0.933007
-> ( 64 44 46 1 22 ) - 0.940196
( 64 44 46 1 23 ) - 0.936029
( 64 44 46 1 24 ) - 0.939052
-> ( 64 44 46 1 25 ) - 0.941585
( 64 44 46 1 26 ) - 0.937745
( 64 44 46 1 27 ) - 0.937418
-> ( 64 44 46 1 28 ) - 0.941993
( 64 44 46 1 29 ) - 0.941013
( 64 44 46 1 30 ) - 0.935784
( 64 44 46 1 31 ) - 0.941258
( 64 44 46 1 32 ) - 0.935621
( 64 44 46 1 33 ) - 0.936683
( 64 44 46 1 34 ) - 0.934722
( 64 44 46 1 35 ) - 0.937908
( 64 44 46 1 36 ) - 0.939951
-> ( 64 44 46 1 37 ) - 0.942484
( 64 44 46 1 38 ) - 0.940768
( 64 44 46 1 39 ) - 0.934559
( 64 44 46 1 40 ) - 0.941585
( 64 44 46 1 41 ) - 0.941993
( 64 44 46 1 42 ) - 0.938317
( 64 44 46 1 43 ) - 0.940605
( 64 44 46 1 45 ) - 0.936928
( 64 44 46 1 47 ) - 0.935131
( 64 44 46 1 48 ) - 0.931863
( 64 44 46 1 49 ) - 0.935049
( 64 44 46 1 50 ) - 0.937010
( 64 44 46 1 51 ) - 0.931454
( 64 44 46 1 52 ) - 0.934477
( 64 44 46 1 53 ) - 0.936846
( 64 44 46 1 54 ) - 0.933578
( 64 44 46 1 55 ) - 0.928758
( 64 44 46 1 56 ) - 0.935131
( 64 44 46 1 57 ) - 0.936275
( 64 44 46 1 58 ) - 0.936846
( 64 44 46 1 59 ) - 0.934967
( 64 44 46 1 60 ) - 0.940114
( 64 44 46 1 61 ) - 0.932925
( 64 44 46 1 62 ) - 0.931046
( 64 44 46 1 63 ) - 0.932925
```

```
Melhor ( 64 44 46 1 37 ) - 0.942484±0.005156
```

6ª Iteração

```
-> ( 64 44 46 1 37 2 ) - 0.953513
-> ( 64 44 46 1 37 3 ) - 0.954739
( 64 44 46 1 37 4 ) - 0.952696
( 64 44 46 1 37 5 ) - 0.954739
( 64 44 46 1 37 6 ) - 0.954493
( 64 44 46 1 37 7 ) - 0.953186
( 64 44 46 1 37 8 ) - 0.953350
( 64 44 46 1 37 9 ) - 0.951225
( 64 44 46 1 37 10 ) - 0.953595
( 64 44 46 1 37 11 ) - 0.952696
( 64 44 46 1 37 12 ) - 0.953758
( 64 44 46 1 37 13 ) - 0.954248
-> ( 64 44 46 1 37 14 ) - 0.955719
( 64 44 46 1 37 15 ) - 0.953350
( 64 44 46 1 37 16 ) - 0.951225
( 64 44 46 1 37 17 ) - 0.954412
( 64 44 46 1 37 18 ) - 0.953023
( 64 44 46 1 37 19 ) - 0.953350
( 64 44 46 1 37 20 ) - 0.952288
( 64 44 46 1 37 21 ) - 0.953023
-> ( 64 44 46 1 37 22 ) - 0.958415
( 64 44 46 1 37 23 ) - 0.954575
( 64 44 46 1 37 24 ) - 0.954984
( 64 44 46 1 37 25 ) - 0.957435
( 64 44 46 1 37 26 ) - 0.951552
( 64 44 46 1 37 27 ) - 0.955801
( 64 44 46 1 37 28 ) - 0.951634
( 64 44 46 1 37 29 ) - 0.954902
( 64 44 46 1 37 30 ) - 0.953105
( 64 44 46 1 37 31 ) - 0.953676
( 64 44 46 1 37 32 ) - 0.952206
( 64 44 46 1 37 33 ) - 0.954984
( 64 44 46 1 37 34 ) - 0.954248
( 64 44 46 1 37 35 ) - 0.952941
( 64 44 46 1 37 36 ) - 0.953431
( 64 44 46 1 37 38 ) - 0.956618
( 64 44 46 1 37 39 ) - 0.954739
-> ( 64 44 46 1 37 40 ) - 0.960458
( 64 44 46 1 37 41 ) - 0.958660
( 64 44 46 1 37 42 ) - 0.955719
( 64 44 46 1 37 43 ) - 0.958660
( 64 44 46 1 37 45 ) - 0.955719
( 64 44 46 1 37 47 ) - 0.955229
( 64 44 46 1 37 48 ) - 0.953840
( 64 44 46 1 37 49 ) - 0.954493
( 64 44 46 1 37 50 ) - 0.953431
( 64 44 46 1 37 51 ) - 0.951634
( 64 44 46 1 37 52 ) - 0.952288
( 64 44 46 1 37 53 ) - 0.951716
( 64 44 46 1 37 54 ) - 0.951634
( 64 44 46 1 37 55 ) - 0.949673
( 64 44 46 1 37 56 ) - 0.955801
( 64 44 46 1 37 57 ) - 0.955392
```

```
( 64 44 46 1 37 58 ) - 0.952859
( 64 44 46 1 37 59 ) - 0.955065
( 64 44 46 1 37 60 ) - 0.956291
( 64 44 46 1 37 61 ) - 0.951307
( 64 44 46 1 37 62 ) - 0.951307
( 64 44 46 1 37 63 ) - 0.954167
```

```
Melhor ( 64 44 46 1 37 40 ) - 0.960458±0.004751
```

7ª Iteração

```
-> ( 64 44 46 1 37 40 2 ) - 0.966667
( 64 44 46 1 37 40 3 ) - 0.966095
( 64 44 46 1 37 40 4 ) - 0.964297
( 64 44 46 1 37 40 5 ) - 0.965768
( 64 44 46 1 37 40 6 ) - 0.965768
( 64 44 46 1 37 40 7 ) - 0.963562
( 64 44 46 1 37 40 8 ) - 0.965850
( 64 44 46 1 37 40 9 ) - 0.966013
( 64 44 46 1 37 40 10 ) - 0.966258
( 64 44 46 1 37 40 11 ) - 0.965441
( 64 44 46 1 37 40 12 ) - 0.965196
-> ( 64 44 46 1 37 40 13 ) - 0.967729
-> ( 64 44 46 1 37 40 14 ) - 0.967892
( 64 44 46 1 37 40 15 ) - 0.966748
( 64 44 46 1 37 40 16 ) - 0.965033
-> ( 64 44 46 1 37 40 17 ) - 0.967974
( 64 44 46 1 37 40 18 ) - 0.965196
( 64 44 46 1 37 40 19 ) - 0.965359
( 64 44 46 1 37 40 20 ) - 0.964869
( 64 44 46 1 37 40 21 ) - 0.965359
( 64 44 46 1 37 40 22 ) - 0.966912
( 64 44 46 1 37 40 23 ) - 0.965033
( 64 44 46 1 37 40 24 ) - 0.967239
-> ( 64 44 46 1 37 40 25 ) - 0.968791
( 64 44 46 1 37 40 26 ) - 0.964216
( 64 44 46 1 37 40 27 ) - 0.966993
( 64 44 46 1 37 40 28 ) - 0.965441
( 64 44 46 1 37 40 29 ) - 0.968219
( 64 44 46 1 37 40 30 ) - 0.965523
( 64 44 46 1 37 40 31 ) - 0.965278
( 64 44 46 1 37 40 32 ) - 0.963889
( 64 44 46 1 37 40 33 ) - 0.966585
( 64 44 46 1 37 40 34 ) - 0.965605
( 64 44 46 1 37 40 35 ) - 0.965605
( 64 44 46 1 37 40 36 ) - 0.964052
( 64 44 46 1 37 40 38 ) - 0.964461
( 64 44 46 1 37 40 39 ) - 0.966667
-> ( 64 44 46 1 37 40 41 ) - 0.969690
( 64 44 46 1 37 40 42 ) - 0.966912
-> ( 64 44 46 1 37 40 43 ) - 0.970343
( 64 44 46 1 37 40 45 ) - 0.967402
( 64 44 46 1 37 40 47 ) - 0.966667
( 64 44 46 1 37 40 48 ) - 0.964951
( 64 44 46 1 37 40 49 ) - 0.965523
( 64 44 46 1 37 40 50 ) - 0.967075
```



```
( 64 44 46 1 37 40 51 ) - 0.963644
( 64 44 46 1 37 40 52 ) - 0.964788
( 64 44 46 1 37 40 53 ) - 0.964788
( 64 44 46 1 37 40 54 ) - 0.965278
( 64 44 46 1 37 40 55 ) - 0.962663
( 64 44 46 1 37 40 56 ) - 0.965850
( 64 44 46 1 37 40 57 ) - 0.966013
( 64 44 46 1 37 40 58 ) - 0.964461
( 64 44 46 1 37 40 59 ) - 0.966585
( 64 44 46 1 37 40 60 ) - 0.965278
( 64 44 46 1 37 40 61 ) - 0.963889
( 64 44 46 1 37 40 62 ) - 0.963971
( 64 44 46 1 37 40 63 ) - 0.965196
```

Melhor (64 44 46 1 37 40 43) - 0.970343±0.005196

8ª Iteração

```
-> ( 64 44 46 1 37 40 43 2 ) - 0.973775
( 64 44 46 1 37 40 43 3 ) - 0.973775
( 64 44 46 1 37 40 43 4 ) - 0.973611
-> ( 64 44 46 1 37 40 43 5 ) - 0.974101
( 64 44 46 1 37 40 43 6 ) - 0.973775
( 64 44 46 1 37 40 43 7 ) - 0.971895
( 64 44 46 1 37 40 43 8 ) - 0.973856
( 64 44 46 1 37 40 43 9 ) - 0.973611
-> ( 64 44 46 1 37 40 43 10 ) - 0.974510
( 64 44 46 1 37 40 43 11 ) - 0.973775
( 64 44 46 1 37 40 43 12 ) - 0.972386
( 64 44 46 1 37 40 43 13 ) - 0.974020
( 64 44 46 1 37 40 43 14 ) - 0.974020
( 64 44 46 1 37 40 43 15 ) - 0.972222
( 64 44 46 1 37 40 43 16 ) - 0.972549
-> ( 64 44 46 1 37 40 43 17 ) - 0.974918
( 64 44 46 1 37 40 43 18 ) - 0.973203
( 64 44 46 1 37 40 43 19 ) - 0.974265
( 64 44 46 1 37 40 43 20 ) - 0.973448
( 64 44 46 1 37 40 43 21 ) - 0.973284
( 64 44 46 1 37 40 43 22 ) - 0.974918
( 64 44 46 1 37 40 43 23 ) - 0.972794
( 64 44 46 1 37 40 43 24 ) - 0.973121
-> ( 64 44 46 1 37 40 43 25 ) - 0.976634
( 64 44 46 1 37 40 43 26 ) - 0.973938
( 64 44 46 1 37 40 43 27 ) - 0.974837
( 64 44 46 1 37 40 43 28 ) - 0.972712
( 64 44 46 1 37 40 43 29 ) - 0.973693
( 64 44 46 1 37 40 43 30 ) - 0.973611
( 64 44 46 1 37 40 43 31 ) - 0.972712
( 64 44 46 1 37 40 43 32 ) - 0.972141
( 64 44 46 1 37 40 43 33 ) - 0.973284
( 64 44 46 1 37 40 43 34 ) - 0.973938
( 64 44 46 1 37 40 43 35 ) - 0.972876
( 64 44 46 1 37 40 43 36 ) - 0.972467
( 64 44 46 1 37 40 43 38 ) - 0.972141
( 64 44 46 1 37 40 43 39 ) - 0.974101
( 64 44 46 1 37 40 43 41 ) - 0.973284
```

```
( 64 44 46 1 37 40 43 42 ) - 0.972222
( 64 44 46 1 37 40 43 45 ) - 0.973938
( 64 44 46 1 37 40 43 47 ) - 0.974510
( 64 44 46 1 37 40 43 48 ) - 0.974020
( 64 44 46 1 37 40 43 49 ) - 0.974428
( 64 44 46 1 37 40 43 50 ) - 0.973693
( 64 44 46 1 37 40 43 51 ) - 0.972876
( 64 44 46 1 37 40 43 52 ) - 0.973203
( 64 44 46 1 37 40 43 53 ) - 0.973529
( 64 44 46 1 37 40 43 54 ) - 0.972304
( 64 44 46 1 37 40 43 55 ) - 0.971895
( 64 44 46 1 37 40 43 56 ) - 0.974755
( 64 44 46 1 37 40 43 57 ) - 0.973611
( 64 44 46 1 37 40 43 58 ) - 0.973693
( 64 44 46 1 37 40 43 59 ) - 0.974101
( 64 44 46 1 37 40 43 60 ) - 0.973611
( 64 44 46 1 37 40 43 61 ) - 0.971977
( 64 44 46 1 37 40 43 62 ) - 0.972304
( 64 44 46 1 37 40 43 63 ) - 0.971814
```

Melhor (64 44 46 1 37 40 43 25) - 0.976634±0.004844

9ª Iteração

```
-> ( 64 44 46 1 37 40 43 25 2 ) - 0.979085
( 64 44 46 1 37 40 43 25 3 ) - 0.978513
( 64 44 46 1 37 40 43 25 4 ) - 0.978431
-> ( 64 44 46 1 37 40 43 25 5 ) - 0.979248
( 64 44 46 1 37 40 43 25 6 ) - 0.979085
( 64 44 46 1 37 40 43 25 7 ) - 0.976797
( 64 44 46 1 37 40 43 25 8 ) - 0.977859
-> ( 64 44 46 1 37 40 43 25 9 ) - 0.979493
( 64 44 46 1 37 40 43 25 10 ) - 0.979085
( 64 44 46 1 37 40 43 25 11 ) - 0.978350
( 64 44 46 1 37 40 43 25 12 ) - 0.978186
( 64 44 46 1 37 40 43 25 13 ) - 0.979248
( 64 44 46 1 37 40 43 25 14 ) - 0.978758
( 64 44 46 1 37 40 43 25 15 ) - 0.977696
( 64 44 46 1 37 40 43 25 16 ) - 0.977042
( 64 44 46 1 37 40 43 25 17 ) - 0.979003
( 64 44 46 1 37 40 43 25 18 ) - 0.978595
( 64 44 46 1 37 40 43 25 19 ) - 0.978350
( 64 44 46 1 37 40 43 25 20 ) - 0.978922
( 64 44 46 1 37 40 43 25 21 ) - 0.976879
( 64 44 46 1 37 40 43 25 22 ) - 0.977124
( 64 44 46 1 37 40 43 25 23 ) - 0.976716
( 64 44 46 1 37 40 43 25 24 ) - 0.977369
( 64 44 46 1 37 40 43 25 26 ) - 0.977696
( 64 44 46 1 37 40 43 25 27 ) - 0.978758
( 64 44 46 1 37 40 43 25 28 ) - 0.978105
( 64 44 46 1 37 40 43 25 29 ) - 0.977042
( 64 44 46 1 37 40 43 25 30 ) - 0.977696
( 64 44 46 1 37 40 43 25 31 ) - 0.978023
( 64 44 46 1 37 40 43 25 32 ) - 0.976961
( 64 44 46 1 37 40 43 25 33 ) - 0.978186
( 64 44 46 1 37 40 43 25 34 ) - 0.979412
```

```
( 64 44 46 1 37 40 43 25 35 ) - 0.977941
( 64 44 46 1 37 40 43 25 36 ) - 0.977369
( 64 44 46 1 37 40 43 25 38 ) - 0.977614
( 64 44 46 1 37 40 43 25 39 ) - 0.977859
( 64 44 46 1 37 40 43 25 41 ) - 0.978840
( 64 44 46 1 37 40 43 25 42 ) - 0.978105
( 64 44 46 1 37 40 43 25 45 ) - 0.978268
( 64 44 46 1 37 40 43 25 47 ) - 0.978186
( 64 44 46 1 37 40 43 25 48 ) - 0.978350
( 64 44 46 1 37 40 43 25 49 ) - 0.978513
( 64 44 46 1 37 40 43 25 50 ) - 0.978922
( 64 44 46 1 37 40 43 25 51 ) - 0.979085
( 64 44 46 1 37 40 43 25 52 ) - 0.978513
( 64 44 46 1 37 40 43 25 53 ) - 0.978840
( 64 44 46 1 37 40 43 25 54 ) - 0.978595
( 64 44 46 1 37 40 43 25 55 ) - 0.978186
( 64 44 46 1 37 40 43 25 56 ) - 0.978676
( 64 44 46 1 37 40 43 25 57 ) - 0.979330
( 64 44 46 1 37 40 43 25 58 ) - 0.978595
-> ( 64 44 46 1 37 40 43 25 59 ) - 0.979575
( 64 44 46 1 37 40 43 25 60 ) - 0.979085
( 64 44 46 1 37 40 43 25 61 ) - 0.976961
( 64 44 46 1 37 40 43 25 62 ) - 0.977859
( 64 44 46 1 37 40 43 25 63 ) - 0.979003

Melhor ( 64 44 46 1 37 40 43 25 59 ) - 0.979575±0.004391
```

10ª Iteração

```
-> ( 64 44 46 1 37 40 43 25 59 2 ) - 0.981781
( 64 44 46 1 37 40 43 25 59 3 ) - 0.981618
( 64 44 46 1 37 40 43 25 59 4 ) - 0.980556
( 64 44 46 1 37 40 43 25 59 5 ) - 0.981454
( 64 44 46 1 37 40 43 25 59 6 ) - 0.981536
( 64 44 46 1 37 40 43 25 59 7 ) - 0.980310
( 64 44 46 1 37 40 43 25 59 8 ) - 0.981209
( 64 44 46 1 37 40 43 25 59 9 ) - 0.981373
( 64 44 46 1 37 40 43 25 59 10 ) - 0.980882
( 64 44 46 1 37 40 43 25 59 11 ) - 0.980719
( 64 44 46 1 37 40 43 25 59 12 ) - 0.980801
( 64 44 46 1 37 40 43 25 59 13 ) - 0.980801
( 64 44 46 1 37 40 43 25 59 14 ) - 0.981046
( 64 44 46 1 37 40 43 25 59 15 ) - 0.980392
( 64 44 46 1 37 40 43 25 59 16 ) - 0.980719
( 64 44 46 1 37 40 43 25 59 17 ) - 0.980392
( 64 44 46 1 37 40 43 25 59 18 ) - 0.980229
( 64 44 46 1 37 40 43 25 59 19 ) - 0.979820
( 64 44 46 1 37 40 43 25 59 20 ) - 0.980556
( 64 44 46 1 37 40 43 25 59 21 ) - 0.980147
( 64 44 46 1 37 40 43 25 59 22 ) - 0.979412
( 64 44 46 1 37 40 43 25 59 23 ) - 0.980801
( 64 44 46 1 37 40 43 25 59 24 ) - 0.980392
( 64 44 46 1 37 40 43 25 59 26 ) - 0.980964
( 64 44 46 1 37 40 43 25 59 27 ) - 0.981209
( 64 44 46 1 37 40 43 25 59 28 ) - 0.980392
( 64 44 46 1 37 40 43 25 59 29 ) - 0.980964
```

```
( 64 44 46 1 37 40 43 25 59 30 ) - 0.980556
( 64 44 46 1 37 40 43 25 59 31 ) - 0.979820
( 64 44 46 1 37 40 43 25 59 32 ) - 0.980147
( 64 44 46 1 37 40 43 25 59 33 ) - 0.980147
( 64 44 46 1 37 40 43 25 59 34 ) - 0.981291
( 64 44 46 1 37 40 43 25 59 35 ) - 0.980637
( 64 44 46 1 37 40 43 25 59 36 ) - 0.980229
-> ( 64 44 46 1 37 40 43 25 59 38 ) - 0.981944
( 64 44 46 1 37 40 43 25 59 39 ) - 0.981454
( 64 44 46 1 37 40 43 25 59 41 ) - 0.981127
( 64 44 46 1 37 40 43 25 59 42 ) - 0.980801
( 64 44 46 1 37 40 43 25 59 45 ) - 0.981454
( 64 44 46 1 37 40 43 25 59 47 ) - 0.981618
( 64 44 46 1 37 40 43 25 59 48 ) - 0.980719
( 64 44 46 1 37 40 43 25 59 49 ) - 0.980882
( 64 44 46 1 37 40 43 25 59 50 ) - 0.981373
( 64 44 46 1 37 40 43 25 59 51 ) - 0.980065
( 64 44 46 1 37 40 43 25 59 52 ) - 0.980065
( 64 44 46 1 37 40 43 25 59 53 ) - 0.979412
( 64 44 46 1 37 40 43 25 59 54 ) - 0.979575
( 64 44 46 1 37 40 43 25 59 55 ) - 0.979003
( 64 44 46 1 37 40 43 25 59 56 ) - 0.980964
( 64 44 46 1 37 40 43 25 59 57 ) - 0.980964
( 64 44 46 1 37 40 43 25 59 58 ) - 0.979820
( 64 44 46 1 37 40 43 25 59 60 ) - 0.979575
( 64 44 46 1 37 40 43 25 59 61 ) - 0.979739
( 64 44 46 1 37 40 43 25 59 62 ) - 0.980801
( 64 44 46 1 37 40 43 25 59 63 ) - 0.979167

Melhor ( 64 44 46 1 37 40 43 25 59 38 ) - 0.981944±0.003992
```

11ª Iteração

```
-> ( 64 44 46 1 37 40 43 25 59 38 2 ) - 0.982925
-> ( 64 44 46 1 37 40 43 25 59 38 3 ) - 0.983497
( 64 44 46 1 37 40 43 25 59 38 4 ) - 0.982271
( 64 44 46 1 37 40 43 25 59 38 5 ) - 0.982353
( 64 44 46 1 37 40 43 25 59 38 6 ) - 0.982925
( 64 44 46 1 37 40 43 25 59 38 7 ) - 0.982026
( 64 44 46 1 37 40 43 25 59 38 8 ) - 0.983088
( 64 44 46 1 37 40 43 25 59 38 9 ) - 0.983088
( 64 44 46 1 37 40 43 25 59 38 10 ) - 0.983497
( 64 44 46 1 37 40 43 25 59 38 11 ) - 0.982680
( 64 44 46 1 37 40 43 25 59 38 12 ) - 0.982843
( 64 44 46 1 37 40 43 25 59 38 13 ) - 0.982761
( 64 44 46 1 37 40 43 25 59 38 14 ) - 0.982761
( 64 44 46 1 37 40 43 25 59 38 15 ) - 0.983088
( 64 44 46 1 37 40 43 25 59 38 16 ) - 0.983088
( 64 44 46 1 37 40 43 25 59 38 17 ) - 0.982761
( 64 44 46 1 37 40 43 25 59 38 18 ) - 0.982271
( 64 44 46 1 37 40 43 25 59 38 19 ) - 0.982598
( 64 44 46 1 37 40 43 25 59 38 20 ) - 0.982190
( 64 44 46 1 37 40 43 25 59 38 21 ) - 0.981863
( 64 44 46 1 37 40 43 25 59 38 22 ) - 0.980801
( 64 44 46 1 37 40 43 25 59 38 23 ) - 0.982108
( 64 44 46 1 37 40 43 25 59 38 24 ) - 0.982435
```

```
( 64 44 46 1 37 40 43 25 59 38 26 ) - 0.982271
( 64 44 46 1 37 40 43 25 59 38 27 ) - 0.982271
( 64 44 46 1 37 40 43 25 59 38 28 ) - 0.982435
( 64 44 46 1 37 40 43 25 59 38 29 ) - 0.982108
( 64 44 46 1 37 40 43 25 59 38 30 ) - 0.981291
( 64 44 46 1 37 40 43 25 59 38 31 ) - 0.981781
( 64 44 46 1 37 40 43 25 59 38 32 ) - 0.981454
( 64 44 46 1 37 40 43 25 59 38 33 ) - 0.982190
( 64 44 46 1 37 40 43 25 59 38 34 ) - 0.982271
( 64 44 46 1 37 40 43 25 59 38 35 ) - 0.982026
( 64 44 46 1 37 40 43 25 59 38 36 ) - 0.982435
( 64 44 46 1 37 40 43 25 59 38 39 ) - 0.982190
( 64 44 46 1 37 40 43 25 59 38 41 ) - 0.982680
( 64 44 46 1 37 40 43 25 59 38 42 ) - 0.981863
( 64 44 46 1 37 40 43 25 59 38 45 ) - 0.982925
( 64 44 46 1 37 40 43 25 59 38 47 ) - 0.982680
( 64 44 46 1 37 40 43 25 59 38 48 ) - 0.982925
( 64 44 46 1 37 40 43 25 59 38 49 ) - 0.983333
( 64 44 46 1 37 40 43 25 59 38 50 ) - 0.983333
( 64 44 46 1 37 40 43 25 59 38 51 ) - 0.982435
( 64 44 46 1 37 40 43 25 59 38 52 ) - 0.982108
( 64 44 46 1 37 40 43 25 59 38 53 ) - 0.981781
( 64 44 46 1 37 40 43 25 59 38 54 ) - 0.982435
( 64 44 46 1 37 40 43 25 59 38 55 ) - 0.982353
( 64 44 46 1 37 40 43 25 59 38 56 ) - 0.982271
( 64 44 46 1 37 40 43 25 59 38 57 ) - 0.983088
( 64 44 46 1 37 40 43 25 59 38 58 ) - 0.981863
( 64 44 46 1 37 40 43 25 59 38 60 ) - 0.981291
( 64 44 46 1 37 40 43 25 59 38 61 ) - 0.981454
( 64 44 46 1 37 40 43 25 59 38 62 ) - 0.982190
( 64 44 46 1 37 40 43 25 59 38 63 ) - 0.981291
```

Melhor (64 44 46 1 37 40 43 25 59 38 3) - 0.983497±0.004354

12ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 2 ) - 0.983497
( 64 44 46 1 37 40 43 25 59 38 3 4 ) - 0.982516
( 64 44 46 1 37 40 43 25 59 38 3 5 ) - 0.983088
( 64 44 46 1 37 40 43 25 59 38 3 6 ) - 0.982925
( 64 44 46 1 37 40 43 25 59 38 3 7 ) - 0.983088
-> ( 64 44 46 1 37 40 43 25 59 38 3 8 ) - 0.984150
( 64 44 46 1 37 40 43 25 59 38 3 9 ) - 0.983987
( 64 44 46 1 37 40 43 25 59 38 3 10 ) - 0.983252
( 64 44 46 1 37 40 43 25 59 38 3 11 ) - 0.982843
( 64 44 46 1 37 40 43 25 59 38 3 12 ) - 0.983252
( 64 44 46 1 37 40 43 25 59 38 3 13 ) - 0.983742
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 15 ) - 0.984477
( 64 44 46 1 37 40 43 25 59 38 3 16 ) - 0.983905
( 64 44 46 1 37 40 43 25 59 38 3 17 ) - 0.982761
( 64 44 46 1 37 40 43 25 59 38 3 18 ) - 0.983415
( 64 44 46 1 37 40 43 25 59 38 3 19 ) - 0.983252
( 64 44 46 1 37 40 43 25 59 38 3 20 ) - 0.983333
( 64 44 46 1 37 40 43 25 59 38 3 21 ) - 0.984232
( 64 44 46 1 37 40 43 25 59 38 3 22 ) - 0.982598
```

```
( 64 44 46 1 37 40 43 25 59 38 3 23 ) - 0.983170
( 64 44 46 1 37 40 43 25 59 38 3 24 ) - 0.983742
( 64 44 46 1 37 40 43 25 59 38 3 26 ) - 0.983170
( 64 44 46 1 37 40 43 25 59 38 3 27 ) - 0.983170
( 64 44 46 1 37 40 43 25 59 38 3 28 ) - 0.984232
( 64 44 46 1 37 40 43 25 59 38 3 29 ) - 0.983742
( 64 44 46 1 37 40 43 25 59 38 3 30 ) - 0.983578
( 64 44 46 1 37 40 43 25 59 38 3 31 ) - 0.983415
( 64 44 46 1 37 40 43 25 59 38 3 32 ) - 0.982516
( 64 44 46 1 37 40 43 25 59 38 3 33 ) - 0.983333
( 64 44 46 1 37 40 43 25 59 38 3 34 ) - 0.983170
( 64 44 46 1 37 40 43 25 59 38 3 35 ) - 0.983415
( 64 44 46 1 37 40 43 25 59 38 3 36 ) - 0.983252
( 64 44 46 1 37 40 43 25 59 38 3 39 ) - 0.983742
( 64 44 46 1 37 40 43 25 59 38 3 41 ) - 0.984150
( 64 44 46 1 37 40 43 25 59 38 3 42 ) - 0.983415
( 64 44 46 1 37 40 43 25 59 38 3 45 ) - 0.984069
( 64 44 46 1 37 40 43 25 59 38 3 47 ) - 0.983987
( 64 44 46 1 37 40 43 25 59 38 3 48 ) - 0.983578
( 64 44 46 1 37 40 43 25 59 38 3 49 ) - 0.984559
( 64 44 46 1 37 40 43 25 59 38 3 50 ) - 0.984069
( 64 44 46 1 37 40 43 25 59 38 3 51 ) - 0.983170
( 64 44 46 1 37 40 43 25 59 38 3 52 ) - 0.983252
( 64 44 46 1 37 40 43 25 59 38 3 53 ) - 0.983497
( 64 44 46 1 37 40 43 25 59 38 3 54 ) - 0.983415
( 64 44 46 1 37 40 43 25 59 38 3 55 ) - 0.983497
( 64 44 46 1 37 40 43 25 59 38 3 56 ) - 0.983905
( 64 44 46 1 37 40 43 25 59 38 3 57 ) - 0.984069
( 64 44 46 1 37 40 43 25 59 38 3 58 ) - 0.983415
( 64 44 46 1 37 40 43 25 59 38 3 60 ) - 0.983742
( 64 44 46 1 37 40 43 25 59 38 3 61 ) - 0.983007
( 64 44 46 1 37 40 43 25 59 38 3 62 ) - 0.983170
( 64 44 46 1 37 40 43 25 59 38 3 63 ) - 0.983497
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14) - 0.985049±0.004733

13ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 2 ) - 0.984722
( 64 44 46 1 37 40 43 25 59 38 3 14 4 ) - 0.984395
( 64 44 46 1 37 40 43 25 59 38 3 14 5 ) - 0.984314
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 6 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 7 ) - 0.984069
( 64 44 46 1 37 40 43 25 59 38 3 14 8 ) - 0.984232
( 64 44 46 1 37 40 43 25 59 38 3 14 9 ) - 0.984722
( 64 44 46 1 37 40 43 25 59 38 3 14 10 ) - 0.984232
( 64 44 46 1 37 40 43 25 59 38 3 14 11 ) - 0.984559
( 64 44 46 1 37 40 43 25 59 38 3 14 12 ) - 0.984641
( 64 44 46 1 37 40 43 25 59 38 3 14 13 ) - 0.984641
( 64 44 46 1 37 40 43 25 59 38 3 14 15 ) - 0.984232
( 64 44 46 1 37 40 43 25 59 38 3 14 16 ) - 0.984804
( 64 44 46 1 37 40 43 25 59 38 3 14 17 ) - 0.984150
( 64 44 46 1 37 40 43 25 59 38 3 14 18 ) - 0.984395
( 64 44 46 1 37 40 43 25 59 38 3 14 19 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 20 ) - 0.984477
( 64 44 46 1 37 40 43 25 59 38 3 14 21 ) - 0.984967
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 22 ) - 0.984641
( 64 44 46 1 37 40 43 25 59 38 3 14 23 ) - 0.984150
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 24 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 26 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 27 ) - 0.983905
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 29 ) - 0.985212
( 64 44 46 1 37 40 43 25 59 38 3 14 30 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 31 ) - 0.983824
( 64 44 46 1 37 40 43 25 59 38 3 14 32 ) - 0.983415
( 64 44 46 1 37 40 43 25 59 38 3 14 33 ) - 0.983660
( 64 44 46 1 37 40 43 25 59 38 3 14 34 ) - 0.984641
( 64 44 46 1 37 40 43 25 59 38 3 14 35 ) - 0.984314
( 64 44 46 1 37 40 43 25 59 38 3 14 36 ) - 0.984559
( 64 44 46 1 37 40 43 25 59 38 3 14 39 ) - 0.984804
( 64 44 46 1 37 40 43 25 59 38 3 14 41 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 42 ) - 0.984804
( 64 44 46 1 37 40 43 25 59 38 3 14 45 ) - 0.984150
( 64 44 46 1 37 40 43 25 59 38 3 14 47 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 48 ) - 0.984886
( 64 44 46 1 37 40 43 25 59 38 3 14 49 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 50 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 51 ) - 0.984477
( 64 44 46 1 37 40 43 25 59 38 3 14 52 ) - 0.984804
( 64 44 46 1 37 40 43 25 59 38 3 14 53 ) - 0.984641
( 64 44 46 1 37 40 43 25 59 38 3 14 54 ) - 0.984804
( 64 44 46 1 37 40 43 25 59 38 3 14 55 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 56 ) - 0.984395
( 64 44 46 1 37 40 43 25 59 38 3 14 57 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 58 ) - 0.984886
( 64 44 46 1 37 40 43 25 59 38 3 14 60 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 61 ) - 0.983742
( 64 44 46 1 37 40 43 25 59 38 3 14 62 ) - 0.984395
( 64 44 46 1 37 40 43 25 59 38 3 14 63 ) - 0.984804
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28) - 0.985539±0.003735

14ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 2 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 4 ) - 0.984804
( 64 44 46 1 37 40 43 25 59 38 3 14 28 5 ) - 0.984559
( 64 44 46 1 37 40 43 25 59 38 3 14 28 6 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 28 7 ) - 0.984804
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 8 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 9 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 28 10 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 28 11 ) - 0.984559
( 64 44 46 1 37 40 43 25 59 38 3 14 28 12 ) - 0.984886
( 64 44 46 1 37 40 43 25 59 38 3 14 28 13 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 28 15 ) - 0.985458
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 16 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 17 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 18 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 19 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 20 ) - 0.985294
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 21 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 28 22 ) - 0.984641
( 64 44 46 1 37 40 43 25 59 38 3 14 28 23 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 28 24 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 26 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 28 27 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 28 29 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 30 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 31 ) - 0.984395
( 64 44 46 1 37 40 43 25 59 38 3 14 28 32 ) - 0.984150
( 64 44 46 1 37 40 43 25 59 38 3 14 28 33 ) - 0.984641
( 64 44 46 1 37 40 43 25 59 38 3 14 28 34 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 35 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 28 36 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 39 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 41 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 42 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 45 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 47 ) - 0.985621
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 ) - 0.986029
( 64 44 46 1 37 40 43 25 59 38 3 14 28 49 ) - 0.985212
( 64 44 46 1 37 40 43 25 59 38 3 14 28 50 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 51 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 28 52 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 28 53 ) - 0.984967
( 64 44 46 1 37 40 43 25 59 38 3 14 28 54 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 55 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 56 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 28 57 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 58 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 60 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 61 ) - 0.984886
( 64 44 46 1 37 40 43 25 59 38 3 14 28 62 ) - 0.984886
( 64 44 46 1 37 40 43 25 59 38 3 14 28 63 ) - 0.985049
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48) - 0.986029±0.004156

15ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 2 ) - 0.985948
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 4 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 5 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 6 ) - 0.986029
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 7 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 8 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 9 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 10 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 11 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 12 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 13 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 15 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 16 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 17 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 18 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 19 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 20 ) - 0.985049
```



```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 21 ) - 0.984559
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 22 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 23 ) - 0.985621
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 24 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 26 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 27 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 29 ) - 0.985784
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 31 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 32 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 33 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 34 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 35 ) - 0.985458
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 36 ) - 0.985212
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 39 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 41 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 42 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 45 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 47 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 49 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 50 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 51 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 52 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 53 ) - 0.985376
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 54 ) - 0.985212
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 55 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 56 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 57 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 58 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 60 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 61 ) - 0.985131
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 62 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 63 ) - 0.985458
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30) - 0.986438±0.003037

16ª Iteração

```
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 2 ) - 0.986846
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 4 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 5 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 6 ) - 0.986029
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 7 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 8 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 9 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 10 ) - 0.985948
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 11 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 12 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 13 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 15 ) - 0.985294
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 16 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 17 ) - 0.986193
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 18 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 19 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 20 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 21 ) - 0.985784
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 22 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 23 ) - 0.985049
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 24 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 26 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 27 ) - 0.986520
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 29 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 31 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 32 ) - 0.985784
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 33 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 34 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 35 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 36 ) - 0.985948
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 39 ) - 0.986520
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 42 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 45 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 47 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 49 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 50 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 51 ) - 0.985948
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 52 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 53 ) - 0.985539
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 54 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 55 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 56 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 57 ) - 0.985703
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 58 ) - 0.986029
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 60 ) - 0.986029
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 61 ) - 0.985621
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 62 ) - 0.985866
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 63 ) - 0.986520
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41) - 0.987173±0.003082

17ª Iteração

```
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 4 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 5 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 6 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 7 ) - 0.986193
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 8 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 9 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 10 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 11 ) - 0.986520
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 12 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 13 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 15 ) - 0.986193
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 16 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 17 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 18 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 19 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 20 ) - 0.986193
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 21 ) - 0.986029
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 22 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 23 ) - 0.986275
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 24 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 26 ) - 0.986520
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 27 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 29 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 31 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 32 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 33 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 34 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 35 ) - 0.986520
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 36 ) - 0.986846
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 39 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 42 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 45 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 47 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 49 ) - 0.986520
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 50 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 51 ) - 0.986520
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 52 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 53 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 54 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 55 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 56 ) - 0.986275
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 57 ) - 0.985948
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 58 ) - 0.986193
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 60 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 61 ) - 0.986520
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 62 ) - 0.986111
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 63 ) - 0.987255
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2) - 0.987255±0.002887

18ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 4 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 5 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 6 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 7 ) - 0.986275
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 8 ) - 0.986846
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 9 ) - 0.986846
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 10 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 11 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 12 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 13 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 15 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 16 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 17 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 18 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 19 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 20 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 21 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 22 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 23 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 24 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 26 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 27 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 29 ) - 0.987010
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 31 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 32 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 33 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 34 ) - 0.986846
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 35 ) - 0.986356
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 36 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 39 ) - 0.987255
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 45 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 47 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 49 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 50 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 51 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 52 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 53 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 54 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 55 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 56 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 57 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 58 ) - 0.986601
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 60 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 61 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 62 ) - 0.986438
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 63 ) - 0.987010
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42) - 0.987663±0.003255

19ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 4 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 5 ) - 0.987418
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 6 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 7 ) - 0.987337
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 8 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 9 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 10 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 11 ) - 0.987582
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 12 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 13 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 15 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 16 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 17 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 18 ) - 0.987745
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 20 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 21 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 22 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 23 ) - 0.986765
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 24 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 26 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 27 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 29 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 31 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 32 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 33 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 34 ) - 0.987663
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 35 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 36 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 39 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 45 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 47 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 49 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 50 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 51 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 52 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 53 ) - 0.986846
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 54 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 55 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 56 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 57 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 58 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 60 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 61 ) - 0.986846
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 62 ) - 0.986683
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 63 ) - 0.987908
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19) - 0.987908±0.003670

20ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 4 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 5 ) - 0.987500
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 7 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 8 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 9 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 10 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 11 ) - 0.987337
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 12 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 13 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 15 ) - 0.986928
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 16 ) - 0.987418
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 17 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 18 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 20 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 21 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 22 ) - 0.987337
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 23 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 24 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 26 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 27 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 29 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 31 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 32 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 33 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 34 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 35 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 36 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 39 ) - 0.987010
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 45 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 47 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 49 ) - 0.987745
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 50 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 51 ) - 0.987418
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 52 ) - 0.987337
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 53 ) - 0.987418
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 54 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 55 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 56 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 57 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 58 ) - 0.987337
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 60 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 61 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 62 ) - 0.987092
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 63 ) - 0.987908
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6) - 0.988072±0.003384

21ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 4 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 5 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 7 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 8 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 9 ) - 0.987255
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 10 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 11 ) - 0.987745
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 12 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 13 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 15 ) - 0.987173
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 16 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 17 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 18 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 20 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 21 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 22 ) - 0.987500
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 23 ) - 0.987418
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 24 ) - 0.987990
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 26 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 27 ) - 0.987418
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 29 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 31 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 32 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 33 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 34 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 35 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 36 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 39 ) - 0.987418
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 45 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 47 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 49 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 50 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 51 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 52 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 53 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 54 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 55 ) - 0.987337
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 56 ) - 0.987908
```

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 57 ) - 0.987337
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 58 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 60 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 61 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 62 ) - 0.987337
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 ) - 0.988235
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63) - 0.988235±0.003738 ↙

22ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 4 ) - 0.988235
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 5 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 7 ) - 0.988154
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 ) - 0.988562
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 9 ) - 0.987990
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 10 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 11 ) - 0.988235
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 12 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 13 ) - 0.987990
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 15 ) - 0.987827
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 16 ) - 0.987582
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 17 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 18 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 20 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 21 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 22 ) - 0.987418
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( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 32 ) - 0.988235
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 33 ) - 0.988399
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 34 ) - 0.988317
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( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 36 ) - 0.988399
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 39 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 45 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 47 ) - 0.987990
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 49 ) - 0.987990
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 50 ) - 0.988235
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 51 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 52 ) - 0.987990
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 53 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 54 ) - 0.988235
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 55 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 56 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 57 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 58 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 60 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 61 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 62 ) - 0.987663
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8) - 0.988562±0.003572 ✓

23ª Iteração

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 4 ) - 0.988480
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-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 7 ) - 0.988644
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 9 ) - 0.988235
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 10 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 11 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 12 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 13 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 15 ) - 0.988480
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 16 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 17 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 18 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 20 ) - 0.988480
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 21 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 22 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 23 ) - 0.987663
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 24 ) - 0.988480
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 26 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 27 ) - 0.988072
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 29 ) - 0.988154
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 31 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 32 ) - 0.988480
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 33 ) - 0.988562
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 34 ) - 0.988399
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 35 ) - 0.987908
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 36 ) - 0.988235
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 39 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 45 ) - 0.988644
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 ) - 0.988725
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 49 ) - 0.988562
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 50 ) - 0.988235
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( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 52 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 53 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 54 ) - 0.988562
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 55 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 56 ) - 0.988399
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( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 58 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 60 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 61 ) - 0.988644
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 62 ) - 0.988072
```

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47) - 0.988725±0.003547 ✓

24ª Iteração

```
-> ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 ) - 0.988971
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 5 ) - 0.988399
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 7 ) - 0.988317
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 9 ) - 0.988562
```


(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	5	)	-	0.988644
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	7	)	-	0.988235
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	9	)	-	0.988807
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	10	)	-	0.988889
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	11	)	-	0.988889
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	12	)	-	0.988562
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	13	)	-	0.988562
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	15	)	-	0.988725
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	16	)	-	0.988480
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	17	)	-	0.988480
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	18	)	-	0.988889
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	20	)	-	0.988889
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	21	)	-	0.988562

Melhor (64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60) - ✓
0.989134±0.003403

(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	5	)	-	0.988644
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	7	)	-	0.988317
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	9	)	-	0.988889
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	10	)	-	0.988725
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	11	)	-	0.988889
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	12	)	-	0.988807
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	13	)	-	0.988725
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	15	)	-	0.988725
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	16	)	-	0.988725
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	17	)	-	0.988725
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	18	)	-	0.988889
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	20	)	-	0.988807
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	21	)	-	0.988644
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	22	)	-	0.988235
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	23	)	-	0.988072
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	24	)	-	0.987990
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	26	)	-	0.988725
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	27	)	-	0.988480
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6	63	8	47	4	60	29	)	-	0.988317
(	64	44	46	1	37	40	43	25	59	38	3	14	28	48	30	41	2	42	19	6									

```
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 35 ) - 0.988644
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 36 ) - 0.988480
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 39 ) - 0.988807
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 45 ) - 0.988971
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 49 ) - 0.988807
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 50 ) - 0.988889
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 51 ) - 0.988725
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 52 ) - 0.988807
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 53 ) - 0.988399
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 54 ) - 0.988644
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 55 ) - 0.988644
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 56 ) - 0.988807
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 57 ) - 0.988725
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 58 ) - 0.988807
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 61 ) - 0.988480
( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 62 ) - 0.988644
```

```
Melhor ( 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 60 ) - ✓
0.989134±0.003403
```

```
Canais Selecionados: 64 44 46 1 37 40 43 25 59 38 3 14 28 48 30 41 2 42 19 6 63 8 47 4 ✓
60 - Acc: 0.989134±0.003403
```

```
selectedChannels =
```

```
Columns 1 through 24
```

```
64 44 46 1 37 40 43 25 59 38 3 14 28 48 ✓
30 41 2 42 19 6 63 8 47 4
```

```
Column 25
```

```
60
```

```
>>
```