

B.5. The 44 optimal gens of the optimal chromosome

```
[2.57475679e+00, 1.53385138e+00, 2.50155673e+00, 1.26455585e+00,  
1.87561086e+00, 4.10836493e+00, 1.90347817e+00, 2.33295551e+00,  
8.94806436e+00, 7.28401522e+00, 4.50572226e+00, 1.20006983e+00,  
2.93901416e-01, -1.46725023e+00, 2.11797444e+00, 1.95222431e+00,  
-9.29909680e-01, 3.45373481e-02, 3.06832597e+00, 2.18321422e+00,  
3.68127553e-01, 1.14914148e+00, 1.32435929e+01, 1.28929720e+01,  
4.99362005e+00, 2.57316497e+00, 2.51610431e-02, 1.31089719e+01,  
4.58729417e-03, 9.49913114e+00, 1.71017795e+01, 1.12214638e-02,  
7.91843487e+00, 1.19429052e+01, 6.32403599e+00, 1.82133740e-02,  
8.93647412e+00, 2.36811081e+00, 1.39808695e+01, 3.95936247e+00,  
9.41293500e+00, 1.71023131e+01, 2.12693272e-01, 1.47409146e+01]
```

B.6. The 68 optimal gens of the optimal chromosome

```
[1.54148787, 1.92272705, 1.99138378, 1.97808054, 1.66992635, 4.09933048,  
1.99993167, 0.85925332, 4.92022555, 0.6976676, 1.00703108, 6.07322869,  
1.86667889, 1.32223373, 7.97345152, 1.78766033, 1.71272653, 1.41246747,  
1.51107333, -1.57849907, 0.50965017, 0.94598694, 0.70000564, 0.99995144,  
0.50055773, 0.09982578, 0.99929163, 0.99983717, 0.70020261, 0.65671013,  
0.5136855, 1.59584143, 1.56519105, 1.30182849, 4.00621228, 4.00174974,  
5.09961414, 4.00213511, 5.99985402, 9.90007556, 4.00774391, 4.41356477,  
14.94202322, 4.01549149, 5.99967973, 19.91559871, 5.99969018, 5.99961217,  
24.90025394, 4.00036405, 4.00777788, 5.77311472, 4.70575928, 4.99986804,  
4.00067507, 5.99924449, 9.90051312, 4.00067276, 5.70052315, 14.90000556,  
4.00314504, 5.99920771, 19.90353512, 5.99902971, 5.25106692, 24.92105317,  
4.00445984, 4.58686434]
```

B.7. The 8 optimal gens of the optimal chromosome

```
[7.49643109, 1.02472246, 5.91733384, 0.01706397, 7.5, 0.96009048, 7.49999996,  
0.38670046]
```