1. μ ← population size, *g* ← 0
2. Randomly generate population P(0)
3. while *g* < 400
4. *g* ← *g* + 1
5. find best fit individual λ in P(*g*-1). P(*g*) ← {λ} // elitism step
6. *i* ← 1
7. while *i* < μ-1
8. randomly select two parents
9. recombine with probability *p*c to create one offspring *O*.
10. mutate *O* with probability *p*m.
11. P(*g*) ← P(*g*) ∪ {*O*}
12. *i* ← *i* + 1
13. endwhile
14. evaluate P(*g*)
15. endwhile