Simple math problem

Test 1 – Example y=x

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| --- | --- | --- | --- |
| Data points | 50 , y = x±random |  |  |
| Evolutions run | >125 |  |  |
| Max Evolutions | 800 |  |  |
| Population Size | 1000 |  |  |
| Max init depth | 4 |  |  |
| Max crossover depth | 8 |  |  |
| Time | 50s |  |  |
| Fitness | 22.71 |  |  |
| Equation found | simplified: x |  |  |

Test 2 – Example y=(1-x^2)^.5

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| --- | --- | --- | --- |
| Data points |  |  |  |
| Evolutions |  |  |  |
| Max init depth |  |  |  |
| Max crossover depth |  |  |  |
| Time |  |  |  |

Test 1 – Example y=x^4+x^3+x^2-x

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| --- | --- | --- | --- |
| Data points | 20, y = exact equation |  |  |
| Evolutions run | 800 |  |  |
| Max Evolutions | 800 |  |  |
| Population Size | 1000 |  |  |
| Max init depth | 4 |  |  |
| Max crossover depth | 8 |  |  |
| Time | 1.3 min |  |  |
| Fitness | 22.71 |  |  |
| Equation found | simplified: x |  |  |