禪

[illegible] [illegible]

[illegible]

[illegible] 567 [illegible] 175 [illegible] 12.2 [illegible]

[illegible] Cell Design Labs [illegible] (T Cells) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

John Koza
Genetic Programming
HOW CAN WE GET A COMPUTER TO KNOW WHAT TO DO
AI
50s
Logic Based Representation
SHIFT TO
CODES
DELIVERS
HIGH RETURN
HUMAN COMPETITIVE INTELLIGENCE
MACHINE
ROUTINE
PATENTABLE
TI LOGIC
10:1 MOORE'S LAW 30MO
We knew it would work all along!
PROBABILISTIC GENETIC ALGORITHM
That will never work!
REUSE
"DIVIDE & CONQUER"
PROBLEM INDEPENDENT
WORKS WITH A POPULATION SIZE
SYMBOLIC REGRESSION
SECOND DEPENDING ON SOLUTION TO THE PROBLEM
PROBABILISTIC DECOMPOSE PROBLEMS INTO SUBPROBLEMS
SCALABILITY
FREE REPRESENTATION OF CIRCUITS
NEURAL NET
Antenna design
sorting networks
thuss design
GP AS A PATENT GENERATING MACHINE
replicating previously discovered solutions
REPRESENTATION
FITNESS LOOP
SELECTION
CROSSOVER
FROM TOY PROBLEMS TO
CREATING PROGRAMS AUTOMATICALLY
CREATING RANDOM PROGRAMS
EVOLUTION DRIVEN BY HIGH LEVEL SPECS
+NOVELTY-DRIVEN
AMENABLE TO BROWNIE
15% of companies are exploring % or using GP
—Brad Holtz

[بببببب

[illegible]

[illegible]:

[illegible]

[illegible]:

[illegible]

[illegible]

[illegible]:

13:50 - 28/10/1396

[illegible]:

[illegible] - [illegible] - [illegible] - T [illegible] - [illegible] - [illegible]

[illegible]

[illegible]: https://www.shabakeh-mag.com/news/world/11493/%D8%A7%DA%AF%D8%B1-%D8%A8%D9%87-%D8%AF%D9%86%D8%A8%D8%A7%D9%84-%D9%85%DB%8C%D9%84%DB%8C%D8%A7%D8%B1%D8%AF%D8%B1-%D8%B4%D8%AF%D9%86-%D9%87%D8%B3%D8%AA%DB%8C%D8%AF%D8%8C-%D8%A8%D8%B1%D9%86%D8%A7%D9%85%D9%87%E2%80%8C%D9%86%D9%88%DB%8C%D8%B3%DB%8C-%DA%98%D9%86%D8%AA%DB%8C%DA%A9-%DB%8C%D8%A7%D8%AF-%D8%A8%DA%AF%DB%8C%D8%B1%DB%8C%D8%AF