Testing of Learning Classifier Systems [LCF] for Information Processing in JVM Environments with AI/ML/DL Using Smart Devices [SD] + IoT + HPC Systems - A Simple & Short Technical Communication.

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Abstract :

Understanding Log-file Analyzer for Learning Classifier Systems [LCS] w.r.t Java/Scala/Kotlin based Image Processing + Informatics involving ImageJ/Fiji/JikesRVM/JAM VM/Metascala VM + Helmholtz Equations Plug-in + Weka - ML Tool/Helmholtz Machines Using : HOL + JI Prolog + Smart Devices [SD] + IoT + High Performance Computing [HPC] Heterogeneous Systems.

index words/keywords : keep guessing.

Try to modify any of our Algorithms : [a] https://www.vixra.org/abs/2003.0304 & [b] https://www.vixra.org/abs/2006.0119 -> Keep going.....

“Learning classifier systems, or **LCS**, are a paradigm of rule-based machine learning methods that combine a discovery component (e.g. typically a genetic algorithm) with a learning component (performing either supervised learning, reinforcement learning, or unsupervised learning).[2]

Learning classifier systems seek to identify a set of context-dependent rules that collectively store and apply knowledge in a piecewise manner in order to make predictions (e.g. behavior modeling,[3] classification,[4][5] data mining,[5][6][7] regression,[8] function approximation,[9] or game strategy).

This approach allows complex solution spaces to be broken up into smaller, simpler parts.

The founding concepts behind learning classifier systems came from attempts to model complex adaptive systems, using rule-based agents to form an artificial cognitive system (i.e. artificial intelligence).” - Wiki

[THE END]