Metagenomics: Simple Facts & Artifacts + Computational Challenges Using Helmholtz Machines/Ising Models w.r.t Python/Bio-Python -> A Short Technical Communication on Environmental Systems & Informatics.

Dr.Nirmal - Informatics R&D - ante Inst UTD Dallas TX USA - hmfg2014@gmail.com

[I] Main Idea + Inspiration + Introduction :

https://link.springer.com/article/10.1007/s11390-010-9306-4

Environmental Sciences Informatics Based on Reaction–Diffusion Mechanisms of Nano-bio Material Systems Using Chemical Sensing and Computing Paradigms – A Novel Suggestion.[Year : 2015, Volume : 6, Issue : 2 ; First page : (75) Last page : (83) ; Print ISSN : 2249-3212. Online ISSN : 0975-8089. Published online : 2015 1.Article DOI : 10.5958/0975-8089.2015.00010.X] -> **Just fine tune our Ideas + Algorithms from this Reference.**

An Introduction to the Recursion Theory Framework for DNA-Based Applications in Bio-Molecular Computing and Information Processing Using the (HOL) Higher Order Logic System by D.N.T. Kumar Nirmal, Carolina C. Bueno, Andre Henrique Rosa DOI:10.5958/0975-8089.2015.00006.8 -> **Just fine tune our Ideas + Algorithms from this Reference.**

We are in the process of designing Novel Algorithms using our previous Frameworks with -> Helmholtz Machines + Python + Ising Models + Bio-python etc.. Rigorous Testing in Progress @ the TIME of Submission.Please make a note : not a straight forward method.Keep hacking.

One of the pioneering R&D Efforts in this highly interesting domain of meta-genomics for developing future "Environmental Informatics Platforms ".

[THE END]