Julia Programming Language on Exascale Computing Platforms ::-> w.r.t Testing of ITensors + Novel Medical Imaging Algorithms Using : AI + Smart Devices + IoT + HPC Heterogeneous Systems + BIGDATA -> A Short Technical Communication.

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[I] Main Idea + Inspiration + Introduction :

https://www.lanl.gov/projects/exascale-computing-project/

[II] R&D Informatics Framework to TEST Medical Imaging Algorithms w.r.t Julia :

Please Check -> ref [e] & https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/Julia-ES-AI-Nir-21.pdf

Please derive your own R&D Informatics Framework Using Julia Programming Language & its related Software Tools.

[III] Important + Useful References :

[a] http://itensor.org/docs.cgi?page=codes&vers=julia

[b] https://github.com/JuliaGPU/CUDA.jl && https://colab.research.google.com/notebooks/tpu.ipynb -> **TPU Information.**

[c] https://juliagpu.org/ && [d] https://www.intel.in/content/www/in/en/products/docs/processors/what-is-a-gpu.html -> **GPU Information.**

[e] https://vixra.org/pdf/1906.0527v1.pdf - **Our Simple Suggestion on Vixra.org - Could be useful in deriving your own R&D Framework.**

[IV] Acknowledgment/s : Sincere Thanks to all WHO made this happen in my LIFE.Non-Profit R&D.Inspire Others Always.

[V] Conclusion/s With Future Perspectives : { One of the pioneering R&D Efforts in this HIGHLY DEMANDING Domain of Next Generation Medical Imaging + Informatics Platforms.
Rigorous Testing in progress @ the TIME of Submission.
Keep trying new ideas for it is good. }

[THE END]