A Short Technical Note on 'Promising Aspects' of an Informatics Platform for Analysis of Raman Spectra with [Julia Language + its DSP Libraries] – An Introduction to Signal Processing Using [Julia/IoT/HPC/MXNet-Machine Learning] in the Context of Petascale Computing R&D.

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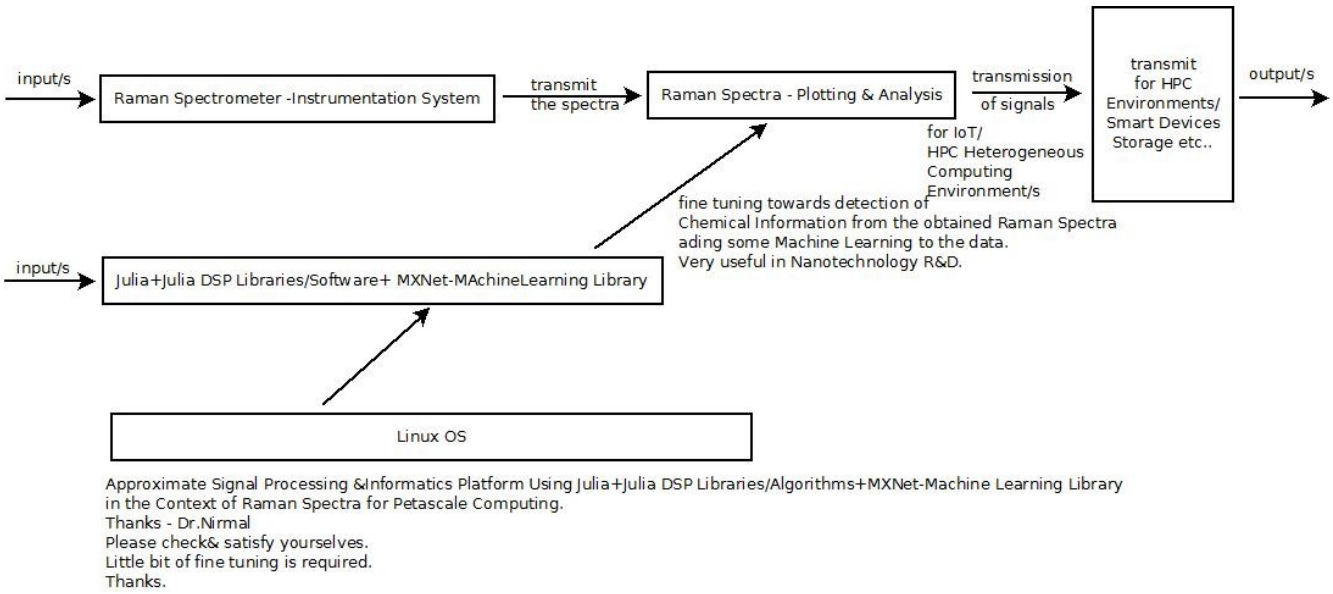
[I] Inspiration & Introduction :

http://vixra.org/abs/1907.0201
http://vixra.org/abs/1907.0397

https://en.wikipedia.org/wiki/Raman_spectroscopy
https://kosi.com/na_en/products/raman-spectroscopy/raman.../raman-tutorial.php
https://www.sciencedirect.com/topics/chemistry/raman-spectrum
https://www.horiba.com/en_en/raman-imaging-and-spectroscopy/
https://www.renishaw.com/en/raman-spectra-explained--25807

[II] Implementation of [Raman Spectroscopy/Spectra + Julia DSP+MXNet] Informatics Framework :



[Figure I – Simple Design based on Julia Language & its DSP Algorithms for fine tuning of Raman Spectra Using MXNet-Machine Learning Library/Designing Next Generation Software.]

[i] ***https://julialang.org/*** *&&* **[ii] https://github.com/JuliaDSP**
[iii] ***https://en.wikipedia.org/wiki/Julia_(programming_language)*** ***&& [iv] https://mxnet.apache.org/***

[Non-Profit Academic R&D – Thanks – Dr.Nirmal]
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