## Exploring BED – Tool Using C & Ruby/YARV + Other Related Ruby Tools → Implementing Advanced Sensor Informatics Testing R&D

Framework W.r.t  $\rightarrow$  { [AI + ANTLR + Minsky Machines + Protobuf + QRNG + Smart Devices + IoT + HPC Systems ] involving  $\rightarrow$  Information Entropy of CUBESATs }

[ Boolean Expression Diagrams(BED) → Probe BME280 + Bosch XDK-IoT → Environmental Sensing & Informatics ]

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## [I] Main Idea + Inspiration + Informatics :

- [a] <a href="https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/BME280-Ruby-AI-Nir2021.pdf">https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/BME280-Ruby-AI-Nir2021.pdf</a>
- [b] https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io/blob/master/Nirmal-CUBESAT-GCCS-ControlSoftware-2020.pdf
- [c] https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io/blob/master/Nirmal-CUBESAT-HOL-Scala-Java-JVM-2020.pdf

## [II] R&D Informatics Framework:

Easy to DERIVE – based on our previous Informatics Frameworks. Testing in Progress.

## [III] R&D Literature from Vixra.org or github or Research Gate:

- [a] https://github.com/tejdnk-2019-ShortNotes
- [b] https://core.ac.uk/download/pdf/82617438.pdf → Notes on BED.
- [c] <a href="https://www.researchgate.net/profile/Stanislav-Stankovic">https://www.researchgate.net/profile/Stanislav-Stankovic</a> − For Example → 228965840\_Calculating\_Entropy\_Estimate\_Using\_Binary\_Decision\_Diagrams

**[IV] Acknowledgment/s:** Non-Profit R&D. Inspire Others Always. Sincere Thanks.

[THE END]