

# An Insight into Mathematics behind Rabin Finger Printing to Develop QRNG/ML-Machine Learning/C/Ruby/Ruby-LLVM/LLVM-Polly/IoT/AoT/HPC - High Performance Computing Heterogeneous Systems/Environments.

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## [I] Inspiration+Introduction :

“The Rabin fingerprinting scheme is a method for implementing [fingerprints](#) using [polynomials](#) over a [finite field](#). It was proposed by [Michael O. Rabin.\[1\]](#) “ - [ Source - [https://en.wikipedia.org/wiki/Rabin\\_fingerprint](https://en.wikipedia.org/wiki/Rabin_fingerprint) ]

[https://en.wikipedia.org/wiki/Fingerprint\\_\(computing\)](https://en.wikipedia.org/wiki/Fingerprint_(computing))

Rabin Fingerprint. A very collision-resistant fingerprint method. Read about this algorithm on wikipedia.. View on github - [ Source - [rabinfingerprint.org](http://rabinfingerprint.org) ]

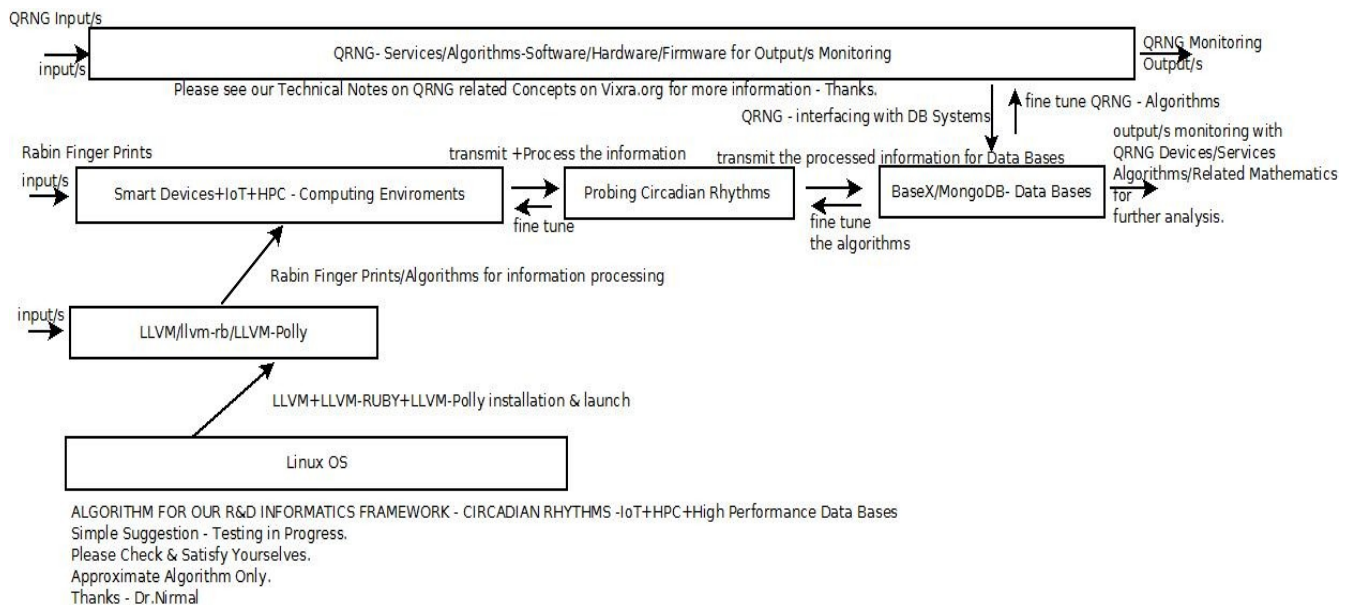
[https://en.wikipedia.org/wiki/Talk:Rabin\\_fingerprint](https://en.wikipedia.org/wiki/Talk:Rabin_fingerprint)

<https://www.geeksforgeeks.org/rabin-karp-algorithm-for-pattern-searching>

<https://github.com/joeltucci/rabin-fingerprint-c>

[https://github.com/joeltucci/rabin-fingerprint-c/blob/master/rabin\\_polynomial.c](https://github.com/joeltucci/rabin-fingerprint-c/blob/master/rabin_polynomial.c)

## [II] R&D Informatics Framework Implementations :



[ Figure I – Algorithm I – Rabin Informatics Framework to Probe CR DATA/IoT/HPC/QRNG/ML Concepts ]

[III] Related R&D Information on Mathematics+Software Used/Useful :

[a] [http://www.vixra.org/author/nirmal\\_tej\\_kumar](http://www.vixra.org/author/nirmal_tej_kumar)

[b] [www.vixra.org/author/n\\_t\\_kumar](http://www.vixra.org/author/n_t_kumar)

[c] <http://www.vixra.org/author/nirmal>

[d] [http://www.vixra.org/author/d\\_n\\_t\\_kumar](http://www.vixra.org/author/d_n_t_kumar)

[e] <https://www.semanticscholar.org/author/Nirmal-Tej-Kumar/12354503/suggest>

[IV] Our Acknowledgment/s :

Special Thanks to all WHO made this happen in my LIFE. Non-Profit R&D.

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