Detecting Malware & Cyber Attacks Using : Dr.Racket + E Theorem Prover + QRNG -> A Highly Useful General R&D Approach w.r.t Redex/AAM/ Macros Related Concepts - A Short Technical Introduction.

[Exploring -> A Simple CASE STUDY from ref[f] from online materials for Academic R&D]

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[I] Main Idea + Inspiration + Introduction :

https://dl.acm.org/doi/10.1145/3274694.3274700 -> *Accurate Malware Detection by Extreme Abstraction -> isn't this interesting ?*

Appl. Phys. Lett. 98, 231103 (2011) and Phys. Rev. Applied 3, 054004 (2015).

https://qrng.anu.edu.au

https://spectrum.ieee.org/the-real-story-of-stuxnet

https://www.researchgate.net/publication/355282522_Deep_Learning_for_Cyber_Security_Applications_A_Comprehensive_Survey

[II] R&D Informatics Framework Using E Theorem Prover + Dr.Racket in Smart Devices + IoT + HPC Systems :

We are trying different scenarios of cyber threats using our in-house tools w.r.t Dr.Racket[/Redex/QRNG/Macros] & E Theorem Prover and rigorously testing our Novel Algorithms.

Please try to generate your own Algorithms -> Thanks for Understanding - From Dr.Nirmal.

[III] Important & Useful References for Your Information :

[a] https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io/blob/master/AVNET-U96-Ruby-Nir-21.pdf

[b] https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io/blob/master/Designing-Ruby-AI-Hardware-Compilers-Nir-2020.pdf

[c] https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io/blob/master/ZF-Ruby-PwBImgHOL2021.pdf

[d] https://vixra.org/pdf/1907.0306v1.pdf -> A Simple Notes on Cyber Threats using Ruby Programming Language.

[e] https://github.com/micrictor/stuxnet [f] https://github.com/loneicewolf/Stuxnet-Source -> **Strictly for Academic R&D purpose Only.**

[IV] Acknowledgment/s :

Non-Profit R&D. Sincere Thanks to all WHO made this happen in my LIFE. Inspire other Always.Let DO good to the Society.

[V] Conclusion/s With Future Perspectives :

One of the pioneering R&D Efforts in this highly challenging Domain.

[THE END]