

Face Recognition Through Kolmogorov Complexity w.r.t Theory & Application of Kolmogorov Complexity on Image Classification - Testing of R&D Concepts Using -> Smart Devices + IoT + HPC Heterogeneous Systems.

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[A] Main Idea + Inspiration + Introduction :

<https://towardsdatascience.com/face-recognition-through-kolmogorov-complexity-16ac5542235b>

[B] R&D Informatics Framework Using Python + Kolmogorov Complexity + Software + Hardware :

Based on refs [[i] - [iv]] Our readers could easily derive their own Image Processing & Informatics Framework using KC algorithms. Rigorous Testing in progress @ the time of submission.

We are not repeating the block diagrams here because we have already published them online (((via))) Vixra.org + github media.

[C] Important References + Other Information :

[i] <https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/AVNET-U96-Ruby-Nir-21.pdf>*****

[ii] <https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/CAKEML-AVNET-U96-Xilinx-Nir-21.pdf>

[iii] <https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/RUST-U96-Nir-21.pdf>

[iv] <https://www.hackster.io/mjrobot/real-time-face-recognition-an-end-to-end-project-a10826> *****

[D] Acknowledgment/s :

Sincere Thanks to all WHO made this happen in my LIFE. Non-Profit R&D. Inspire Others Always.

[E] Conclusion/s + Future Perspectives : KC is an excellent tool to probe Machine Learning w.r.t Advanced Image Processing Techniques.
We are also TESTING KC algorithms in the domains of Medical Imaging/cryo-EM Imaging etc....

[THE END]