Understanding Camera Matrices Using OCaml + Python + E Theorem Prover + Z3-py Prover involving : Smart Devices + IoT + HPC Heterogeneous Systems -> A Simple Technical Notes w.r.t Medical Imaging & Satellites based Imaging.

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[I] Main Idea + Inspiration + Introduction :

[a] https://towardsdatascience.com/camera-intrinsic-matrix-with-example-in-python-d79bf2478c12

[b] https://towardsdatascience.com/camera-extrinsic-matrix-with-example-in-python-cfe80acab8dd

[II] Python based R&D Informatics Framework Using Above Mentioned Software Tools :

Please take a look @ our Short Technical Communications online on github and just fine tune our Algorithms ->

Our direct references :

*[i] https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io/blob/master/Inceptionv3-OCaml-Python-21.pdf***

[ii] *https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/OCaml-C-llvm-Inceptionv3-Nir-21.pdf***

[III] Important & Useful References :

[a] https://en.wikipedia.org/wiki/Camera_resectioning

[b] https://wwwlehre.dhbw-stuttgart.de/~sschulz/E/E.html

[c] https://ericpony.github.io/z3py-tutorial/guide-examples.htm

[d] https://github.com/tejdnk-2019-ShortNotes -> Plenty of examples for your use -> Just Fine Tune our Algorithms - Thanks - Nirmal.

[e] http://imageai.org/ && [f] https://deepstack.cc/ *&& https://www.cs.tau.ac.il/~msagiv/courses/asv/z3py/guide-examples.htm**

[g] https://www.vixra.org/pdf/1910.0009v1.pdf *****

[h] https://www.cs.tau.ac.il/~msagiv/courses/asv/z3py/strategies-examples.htm*

[IV] Acknowledgment/s :

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

[V] Conclusion/s with Future Perspectives :

As usual - We are putting forward one of the pioneering R&D Efforts in totally different way.Rigorous Testing in Progress @ the TIME of Submission.Theorem Proving and Image Processing is always one of the BEST Choices in Medicine & Space Image Processing Domains.

[THE END]