

Z3-Py + ImageAI + FSC - Fourier Shell Correlation/Py -> is it a Quality Control Tool w.r.t cryo-EM Images generated ? -> Testing of Novel Algorithms is Presented in the Context of COVID-19/Corona Virus R&D Work.

[A Technical Note on Using : AI + Dr.Racket + Python Programming Languages -> Cryo-Electron Microscopy Imaging]

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[I] Main Idea + Inspiration + Introduction :

https://www.jeol.co.jp/en/words/emterms/search_result.html?keyword=Fourier%20Shell%20Correlation%2C%20FSC

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3831492/> && <https://www.ebi.ac.uk/emdb/> -> **cryo-EM Stuff.**

<https://www.science.org/content/blog-post/hiv-structure-breakthrough-complete-rubbish>

https://github.com/thorn-lab/coronavirus_structural_task_force -> Repository for the molecular structures related with Corona viruses and their re-processing. -> **This link is our inspiration.**

<https://github.com/tejdkn-2019-ShortNotes> -> our R&D Technical Source/s.

<https://imagej.net/plugins/fourier-ring-correlation> -> ImageJ + FRC Information -> to probe in JVM Environments.

<https://www.nature.com/articles/s41467-020-20295-w> -> **FSC-Q***

[We are studying the idea of FSC-Q* and then we are testing our own idea w.r.t our TITLE]

[II] R&D Informatics Framework Using FSC w.r.t Dr.Racket + Python :

Please generate your own informatics framework using Racket & Python.

Thanks - Dr.Nirmal.

Non-Profit R&D.

[THE END]