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[I] Inspiration + Introduction:


(https://www.semanticscholar.org/ – COVID 19 Information is our inspiration) -----

[II] Informatics R&D Framework Using Ruby:

[Figure I – Algorithm I – Electron Microscopy Imaging & Informatics Framework]

Set of programs for the analysis of “helical” objects with or without a seam. Ruby–Helix is built on top of the Ruby programming language and is the first implementation of asymmetric helical reconstruction for practical image analysis. It also allows easier and semi-automated analysis, performing iterative unbending and accurate determination of the repeat length.” – Ruby based Image Processing Solution.

Primary Publications to Read:


[Figure II – Algorithm II – Medical Imaging & Informatics Framework]

Could be useful in probing COVID-19 Related Medical Image Processing.

[III] Information on Publications/Other Reading Materials involving Mathematics+Software:

[a] https://otobrglez.opalab.com/ruby/2014/03/23/simple-ruby-recommendation-system.html*


[c] https://www.semanticscholar.org/author/Nirmal-Kumar/12354503/suggest *****
Our Short Communications & Suggestions (((via))) Vixra.org :

[b] http://www.vixra.org/author/d.n.t.kumar

Acknowledgment/s :

Special Thanks to all my Mentors+Friends+Collaborators for their sincere encouragement. Non-Profit R&D.

Conclusion/s With Future Perspectives :

We suggest and present a simple implementation of Advanced Scientific Image Processing Ruby based Framework in this Short Technical Note. Thanks for reading our notes. Ruby is very useful in rapidly prototyping advanced ideas. Further, we mention here that, C/C++ based extensions with Ruby are just a breeze in implementing already existing Algorithms. mRuby is useful with Specialized Hardware for example —− qrng devices+services mentioned in our paper. This communication is one of the pioneering efforts in these challenging R&D Domains to the best of our knowledge.

Related Important References :

[a] Corpus ID: 208089759 --- From Semantics Scholar*****
[b] Corpus ID: 19557836
[c] Corpus ID: 64929364
[d] Corpus ID: 195513465
[e] Corpus ID: 65034309
[f] Corpus ID: 203149755
[g] Corpus ID: 86511402
[h] Corpus ID: 202779270
[i] Corpus ID: 204664737

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