

# Exploring Nano-Bio Material Systems w.r.t Quantum Enveloping Super Algebras [QESA] + E Theorem Prover [ETP] - A Suggestion to Design Some Novel Informatics Algorithms.

Nirmal - Scientist & Independent Consultant & International Collaborator - Informatics R&D - Current Member - ante Inst UTD Dallas TX USA.  
email id : hmfg2014@gmail.com

Gagik - Professor & Consultant & International Collaborator - SEUA Yerevan Armenia.  
email id : gshmavon@yahoo.com

## Abstract :

Understanding & Testing of Quantum Enveloping Superalgebras + eprover w.r.t Nanoscale Information Processing Using Smart Devices [SD] + IoT + High Performance Computing Heterogeneous Systems - A Simple & Short Theoretical Technical Communication on Nano-Bio Material Systems involving : DNA-Graphene interaction with Cold Plasmas. We are trying to probe COVID-19 related informatics once again.

**index words/key words :** keep guessing.

## [I] Main Idea + Inspiration + Introduction :

A Simple Nano-Bio Signal Processing Informatics R&D Framework With Machine Learning -> Please refer : [d]

<https://www.researchgate.net/profile/Nirmal-Tej/research>

[https://www.researchgate.net/publication/241556271\\_Micro-processes\\_on\\_semiconductor\\_surface\\_and\\_exploitation\\_of\\_novel\\_semiconductor\\_devices](https://www.researchgate.net/publication/241556271_Micro-processes_on_semiconductor_surface_and_exploitation_of_novel_semiconductor_devices)

## [II] R&D Bio-informatics Framework :

*Please see our works on github.*

*Thanks.*

## [III] Results + Related Discussion :

It is very EASY to generate your own Framework,

Thanks.

## [IV] Some Reading Materials :

[a] <https://www.science.gov/topicpages/q/quantum+affine+superalgebra>;

[b] Clinical Microbiology and Infection 28 (2022) 313e314;

[c] <https://github.com/seanianclark/quantum-enveloping-superalgebras>;

[d] <https://www.vixra.org/pdf/2006.0119v1.pdf> ;

[e] <https://github.com/tejdnk-2019-ShortNotes> -> Plenty of Examples.

## [V] Acknowledgment/s:

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

## [VI] Conclusion/s + Future Perspectives :

We are not done with the COVID-19 detection and analysis yet. More investigations are needed. One of the pioneering R&D efforts in this interesting domain. Multi-disciplinary background is highly need to solve the pandemic and its effects in the Health Care Sector.

**[VII] References :**

- [1] <http://dx.doi.org/10.5958/0975-8089.2015.00010.X> -> Environmental Sciences Informatics Based on Reaction–Diffusion Mechanisms of Nano-bio Material Systems Using Chemical Sensing and Computing Paradigms – A Novel Suggestion.
- [2] <http://dx.doi.org/10.5958/0975-8089.2014.00013.X> -> An Informatics Technical Note on Interaction of DNA–Graphene Chemical Sensor System as Reaction–Diffusion Wave-Based Computing System in Ionised Gaseous environments and their Applications Using Theoretical Studies and Scientific Computation Overview.
- [3] <http://dx.doi.org/10.5958/j.0975-8089.5.1.001> -> An Introductory Informatics Theoretical Framework, based on an Integrable Lattice Model using Quantized Function Algebras, for Studying DNA-Ionized Gas Interaction System.

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