

# Explore Real Time Quantum Control of Klein-Gordon-Schrödinger Equation

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20th Century left us a great benefit from science to technology, from cloning technology to Chinese population control, from human genome analysis to nuclear plant. These factors will be deeply influencing to every aspects of our life at 21st century. If first decade of this century is still keeping the extension of status of last one, then from nowadays, the earth will be changed quickly and significantly than we expected. Quantum control among all the scientific subjects will seek connection with real time realization, whether study of nucleus will continuously useful to us? what kind of topics should be taken account into? For Klein-Gordon-Schrödinger quantum system, why and how to control? then for what purpose to control? Theoretical control is not enough at all. It is keenly desired that control of nuclei bringing us surprising results not only at computation and experimentation, but also at realistic world and future.

In this short communication, real time computer-aid system control will be considered as target. On the one hand, theoretic investigation convinced that control of nucleons would work in nuclear scale at developed equipment in physical chemistry laboratory. On the other hand, real time control of quantum dot at nucleus need to make experimental control come true. Indeed, current existing contributed works and literature give us sufficient confidence to do such cutting-edge research. For example, Scanning Tunneling Machine can use tip to move atom at multi-layers at matter surface, how control happen in nuclear scale? Certainly, invention of experimental instrument extremely required for such kind of aim. The most important thing is connection between apparatus and particles. It will be concentrated as setting algorithm and control flow at whole control process.

It would be quite interesting to do exploration in this direction and report resultant conclusion.

## References

- [1] HERE YOU PUT THE NAME OF THE AUTHORS , *the title of your reference* , the journal's name