As a B.S. chemistry student, I found my interest in Thermodynamic and Quantum Chemistry.

I attended in the Tehran University as a M.S. student of physical chemistry in 1991. I had had very interested in Algebra, Quantum Mechanics, and Irreversible Statistical Mechanics. Hence, I was looking for a project that covers all of these topics. I began to work on the construction of path integral representation of systems far from equilibrium. I used the well known mathematical method in quantum mechanics for solving this type of problems (H. Kleinert, *Path Integrals in Quantum Mechanics, Statistics and Polymer Physics*, World Scientific Publishing (1990)).

In those days I thought every thing could be solved on a paper and the only difficulty is due to mathematics.

I was employee of the Kashan University as a faculty in the chemistry department from 1994 to 1998. During which, I began to study the fundamental problems in physics, such as macroscopic irreversibility and microscopic reversibility, EPR Paradox in quantum mechanics and The Bell theorem.

After which I found the world is more complicated than I thought.

I was attended in the Isfahan University of Technology as a Ph. D. Student of physical chemistry in 1998. My thesis was about the computation of the critical properties of the 3-D Ising model. It was the first time which I began to work with computer, which I found it very interesting. I learned both the C and Fortran programming very soon (two month). I had to handle huge matrices that cannot be solved by ordinary computer. Therefore I learned to write a Fortran code by the MPICH using a cluster computer. I received my Ph. D. degree in 2001.

During my search in internet, I encounter with the Santa Fe Institute web site, in which the Cellular Automata (CA) has been interested to me. After which I began to work on the application of CA on the various complex systems. At the present time my interest is the application of the CA on the biological systems, such as ligand passage over the surface of diffusion-controlled enzymes and the avascular cancer growth.

I teach physical chemistry and quantum chemistry in the B. S. level and in the M. S. and Ph. D. level I teach statistical mechanics, advanced statistical mechanics, and kinetics theory.

I teach my students in order to transfer my knowledge to them. I teach others in order to learn myself. Teaching and learning are tool of academic communication. This the way academic network is established. Pease and prosperity are emergent properties of academic network. I am continuously teaching and learning, I am alive.

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