

The paper is very interesting. However, two issues should be raised (at least from the point of view of simply-minded reader):

a) transformation between two basis in Hilbert space is described by a unitary operator; how such a transformation does affect an algebra of graphs (or in other words: is an algebra of graphs a universal/unique)?

b) On page 3 Authors claim the following “each operator A can be uniquely written in the normally ordered form such as ... (2)”; therefore what is an average of **each operator** in the ground state $|0\rangle$ (of some hermitian operator, say N) – zero?