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**Ajit Iqbal Singh\*** (ajitis@gmail.com), 102, Din Apartments, Plot No. 7, Sector 4, Dwarka,  
New Delhi, 110075, India. *Perseverance with preservers of properties of operators with emphasis on  
Quantum entanglement.*

We begin with completely positive maps that preserve positivity of operators even when the space interacts with environment. We will present such maps on matrix algebras or block matrix algebras that preserve identity, trace, rank, separability, entanglement, positivity under partial transpose. Finally, we will display Quantum dynamical systems that may preserve to begin with but may stop to preserve such properties as we go along as well as those with opposite scenario. (Received August 19, 2015)