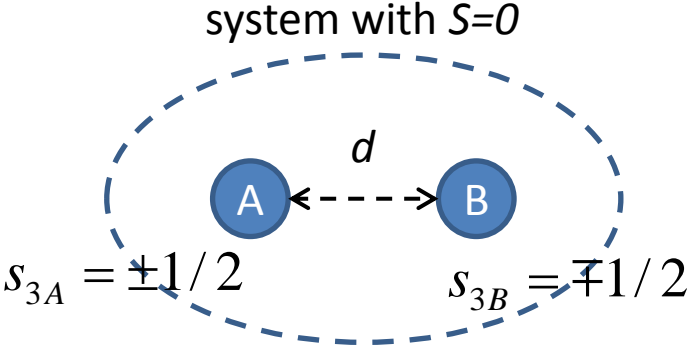
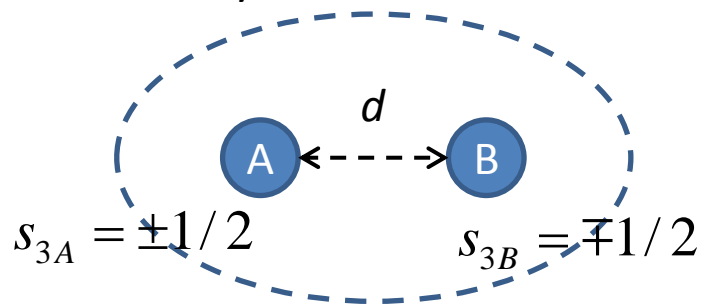


Einstein-Podolsky-Rosen Paradox

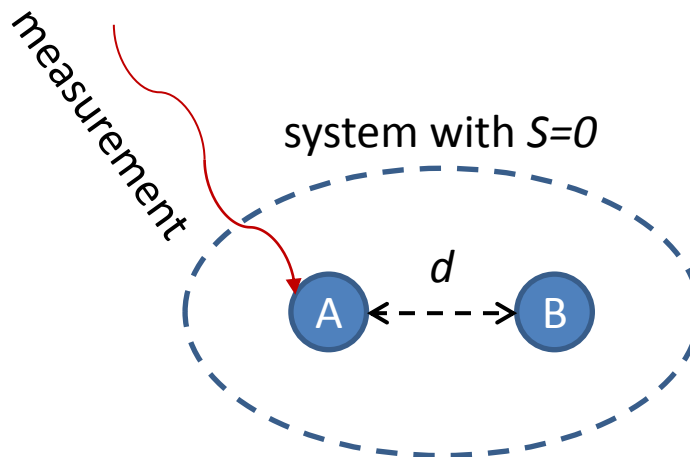


Einstein-Podolsky-Rosen Paradox

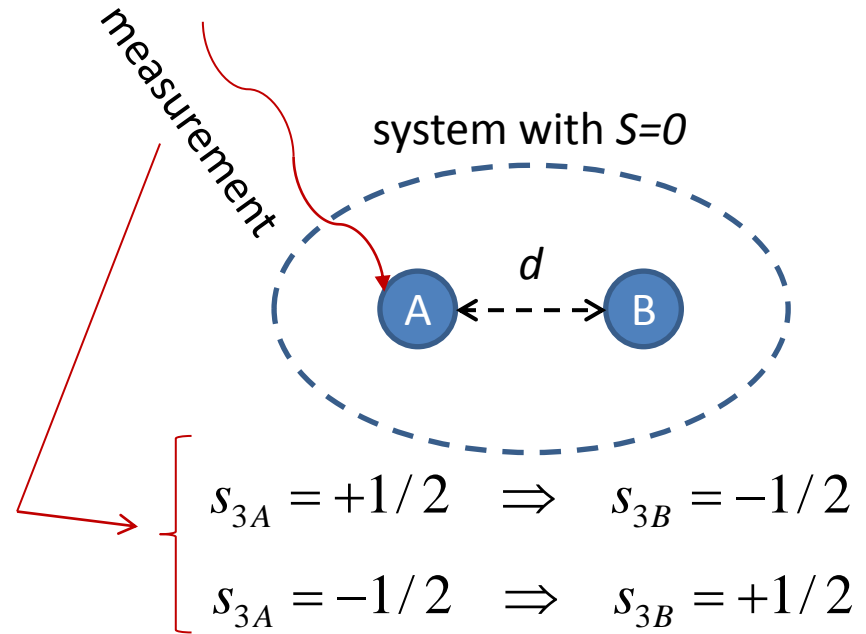
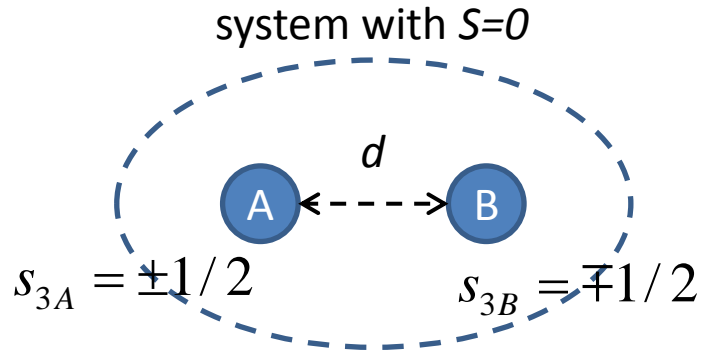
system with $S=0$



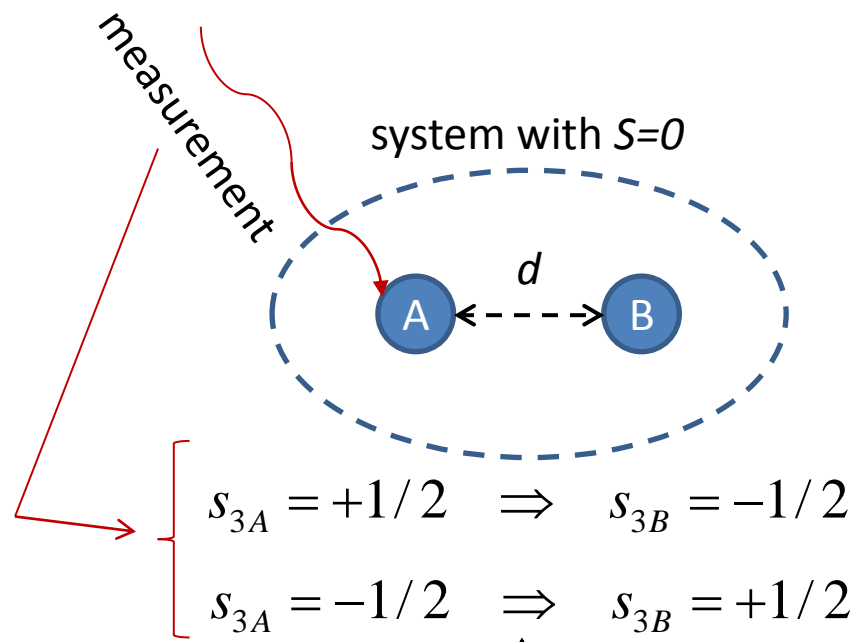
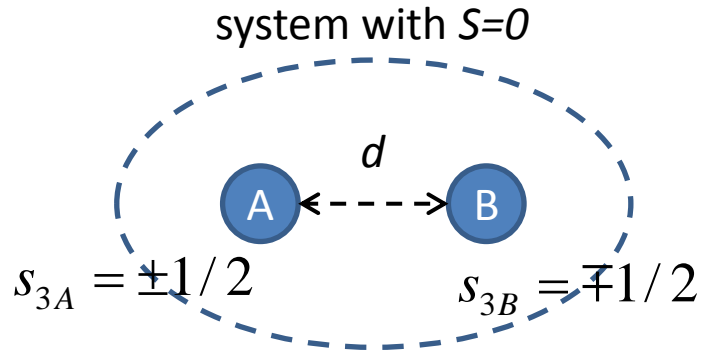
system with $S=0$



Einstein-Podolsky-Rosen Paradox



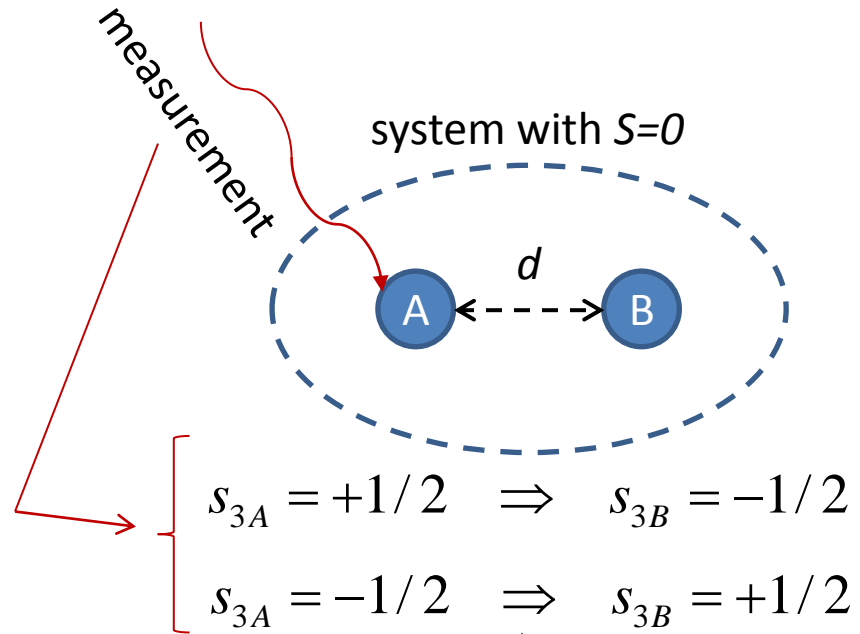
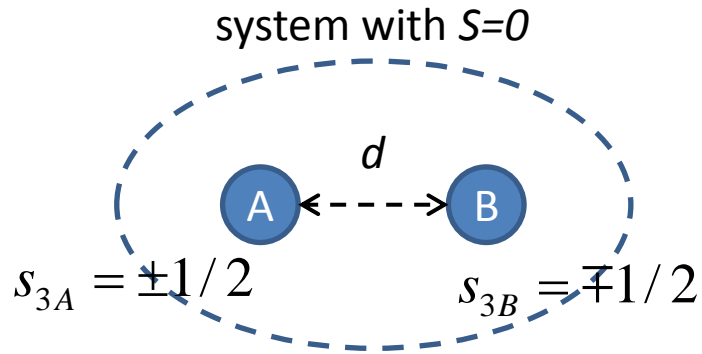
Einstein-Podolsky-Rosen Paradox




information being exchanged faster than c_0 ?

at the same instance, regardless of d

Einstein-Podolsky-Rosen Paradox



information being exchanged faster than c_0 ?

No, the total system () should be considered as a single - quantum entangled - entity.

The measurement destroys the properties of the system, the wave function collapses.

at the same instance, regardless of d