1077-51-1211   **S I Nada*** (`snada@qu.edu.qa`), Faculty of Arts and Sciences, University of Qatar, Doha, 2713, Qatar, and **el-naschie**. *A note on a topological geometrical interpretation of Bell's inequality and Hardy's quantum entanglement.*

The note gives a very simple topological, geometrical interpretation of Bell's inequality B≤2 and Hardy's quantum entanglement (g) = $\Phi 5$. It is reasoned that quantum entanglement is due to the zero measure random Cantor set underpinning the topology and geometry of orthodox quantum mechanics. (Received September 18, 2011)