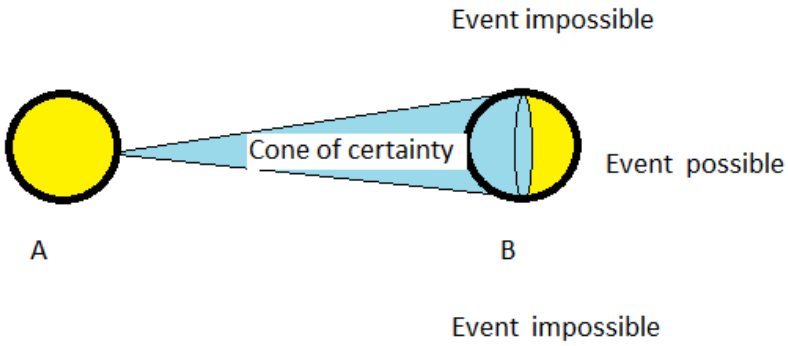
**What is entanglement?**

This is what I wrote in the Talmud of Scicli:

" Let us define the field of action in space of the probability ( *of the event "clash of two balls or two particles"* ) .
In the case of the two balls ( *or two particles* ), we can determine around them a physical field of the event "clash" in the form of a cone, with apex on A and base on the meridian circumference of B. Each one of the two balls is limited in space in its potential movement by the presence of the other and therefore each ball "feels the presence" of the other as a limiting factor relative to its freedom to move in space. This is the field of probability. Note that this field depends only on the position in space of the two objects and it's independent of time. It exists even if one object is on the Moon and the other is on Mars. While the probability of the occurrence of an event depends on the time available to verify it, the field of probability in which the action take place depends only on the existence of a space. Figure 6 describes the cone."
Fig. 6




The concept could be applied to any event linking two particles, such as spin, charge etc… The field of probability is the key to understand entanglement. The field is a "space-only" phenomenon, and time is not involved. In the case shown above time is not involved until the event " clash" takes place. This is why particle A transmits immediately the information of its cone of certainty to particle B, and vice-versa. Space is a continuum and in absence of time, information is transmitted at infinite

speed. The distance A-B divided by zero time is traveled by information at infinite speed.