

If quantum entanglement is true, a method of superluminal communication is realized

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Consider, for example, that the BBO emits a pair of entangled beams, a beam of horizontally polarized light to Alice, and another beam of vertically polarized light to Bob. Now, if a polarizer is placed in front of Alice's detector and driven by a 16Hz motor so that the "state" of the beam changes continuously, it is now questionable whether Bob's detector is more or less "Induced" 32 Hz light intensity changes or other changes?

The above-mentioned 16 Hz motor is replaced by a dual-frequency motor (e. g., 13 Hz, 19 Hz), with one speed representing "0" and one speed representing "1"; then, without the help of conventional channels, Alice uses that drive Polarizer rotation of the motor speed switch, it can be extremely rich information to superluminal speed to the fixed detector to detect the polarization of the entangled photon polarization change frequency of Bob.

If so, the violation of the Special Relativity must occur; into a violation of the "causal law" and other theoretical difficulties.