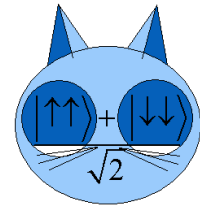


Theoretisch-Physikalisches Seminar QuantenComputer – WS 2007/2008

Prof. Dr. HEIKO RIEGER mit Dr. YU-CHENG LIN



Nutzung von Quantenverschränkung

SERGE FOMEKIA CHOUNA

The quantum entanglement can be used in quantum dense coding which is a way to transmit two bits of information through the manipulation of only one of two entangled particles, each of which individually can carry only one bit of information. And the quantum teleportation is a way to transfer the state of a quantum system to another quantum system at a distant location. I will speak about the basis scheme to the teleportation of continuous quantum variables.

**Di, 22.Jan.2008, 16-18 Uhr
E2.6 Seminarraum 4.18**