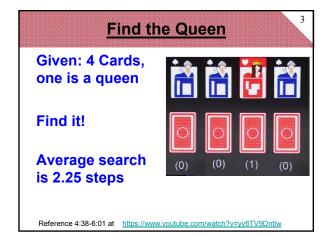


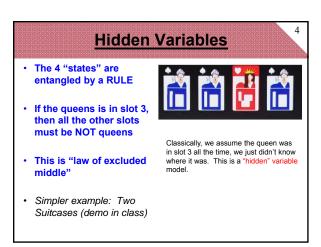
Index

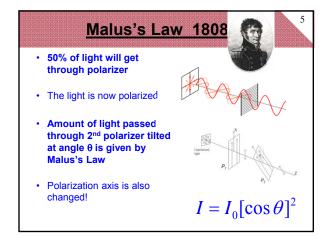
A. Find the Queen

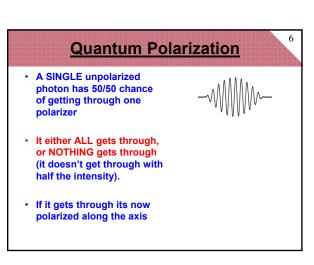
B. Polarization & Hidden Variables

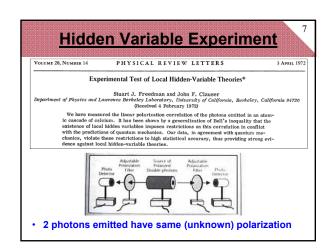
C. Entangled States

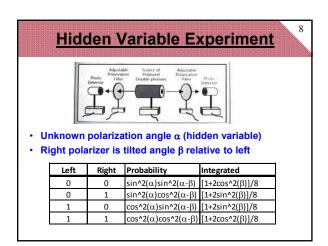




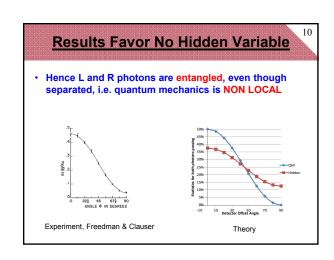




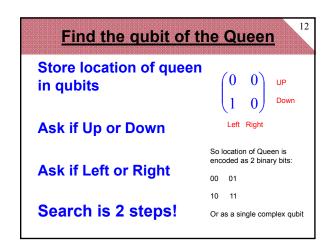




No Hidden Variable · Photons are correlated but indeterminate polarization Measure L photon first. It has 50/50 chance of getting through or not. · It now has either 0 (perpendicular) or 1 (parallel) polarization · Instantaneously (???) the R photon gets SAME polarization Left Right Probability **Different Statistics!** [cos^2(β)]/2 0 [sin^2(β)]/2 0 1 0 [sin^2(β)]/2 1 1 [cos^2(β)]/2



Somehow measuring L photon affects the measurement of the R photon, faster than the speed of light! 1978 Jack Sarfatti files patent for faster than light communication device based on this experiment. 1977 Costa de Beauregard (student of deBroglie) suggests measurement of L photon travels back in time (retrocausality) to the emission of photons and sets polarization of R photon



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References

- Costa de Beauregard, Olivier (1977). "Time Symmetry and the Einstein Paradox" Il Nuovo Cimento (42B).
 www.costa-de-beauregard.com/fr/wp-content/uploads/2011/11/OCB-1977-5.pdf