

Abstract Submitted  
for the MAR13 Meeting of  
The American Physical Society

**Quantum Knowledge Diagrams** DOUGLAS SNYDER, None — The principles behind quantum knowledge can be extracted from the specific empirical implementations so that pictorial elements can be developed representing fundamental concepts of quantum knowledge. With these elements, one can represent quantum knowledge principles underlying specific empirical implementations more simply and in a way that allows for a more direct comparison of quantum knowledge principles underlying various specific empirical implementations. These representations are quantum knowledge diagrams. Basic diagram elements include: 1) a which-way process; 2) a non-which-way process (showing interference); 3) availability, or lack thereof, of the which-way or non which-way information to the environment; 4) particles; 5) entanglement, or lack thereof, of 2 or more particles; 6) delayed choice.

Douglas Snyder  
None

Date submitted: 31 Oct 2012

Electronic form version 1.4