

Abstract Submitted  
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**Backward traverse on Lattices seems to be easier than forward traverse** RICHARD KRISKE, University of Minnesota — If one were to look at a Feynman Diagram as edges and nodes, and a great group of these Diagrams would comprise the Non-Laplacian Statistics that are used in complete Calculations of Events, such as the penetration of light into a group of stacked atoms, then there are a large number of missing diagrams that are of a strange sort. That being those diagrams that come to the end of a calculation and then back up in time to a previous node and start down a parallel path. It turns out that photons that back up in time can travel down parallel paths, can do so more easily than photons that move forward in time from that node. The reason that this appears to be so, is that forward motion in time for photons is a two-step phenomena because of the Non-Laplacian Statistics. The backward path to the previous node is already known. There is another method that nature could use to travel parallel paths and that is to simply have a totally original path, with nothing to do with the known nodes and edges. This author suggests that there is a hidden structure to time that creates easier paths backward in time for photons than forward in time, so that contrary to current thinking most photons travel backward in time easily, then forward in time along parallel paths.

Richard Kriske  
University of Minnesota

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