

Abstract Submitted  
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**Relativity on Rotated Graph Paper** ROBERTO SALGADO, Bowdoin College — We present visual calculations in special relativity using spacetime diagrams drawn on graph paper that has been rotated by 45 degrees. The rotated lines represent lightlike directions in Minkowski spacetime, and the boxes in the grid (called light-clock diamonds) represent ticks of an inertial observer's lightclock. We show that many quantitative results can be read off a spacetime diagram by counting boxes, using a minimal amount of algebra.

Roberto Salgado  
Bowdoin College

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