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Chasing monopoles

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Our ongoing calibration of the analytical models for Semilocal strings using field theory simulations indicate that the velocities of the string ends will be of great significance. It is known that Semilocal string ends behave as global monopoles, so we are developing a technique to measure global monopole velocities using field theory simulations. In this presentation, we will explain the technique we propose to measure these velocities. Finally we will give some results and we will use them to calibrate the analytical models for global monopoles.

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