

Abstract Submitted  
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**A Hall Effect Experiment using LabVIEW** REX BERNEY, University of Dayton — Magnetotransport experiments are widely used to characterize solid state materials. I will discuss the issues around designing and implementing a Hall experiment using LabVIEW as the programming base for the control of the temperature, magnetic field, current, and switch positions necessary to do Van der Pauw type Hall measurements.

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