

Abstract Submitted
for the DNP11 Meeting of
The American Physical Society

Pair-Symmetric Background of Spin Asymmetries of the Nucleon Experiment (Jefferson Lab E07-003) LUWANI NDUKUM, Mississippi State University — The Spin Asymmetries of the Nucleon Experiment (SANE) at the Thomas Jefferson Lab National Accelerator Facility measured inclusive double spin asymmetries by scattering longitudinally polarized electrons on a longitudinally and transversely polarized NH₃ target. The measurements were done at momentum transfer of $2.5 \leq Q^2 \leq 6.5 \text{ GeV}^2$ and Bjorken x of $0.3 \leq x \leq 0.8$. Data were also taken at $0.2 < x < 0.3$. Preliminary analysis of the pair-symmetric background used to extract asymmetries from this low x data will be discussed.

Luwani Ndukum
Mississippi State University

Date submitted: 29 Jun 2011

Electronic form version 1.4