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Coulomb Exertation of ^{46}V and Testing Isospin Symmetry in the $A = 46$, $T = 1$ Multiplet[1] J.W. KREMENAK, D.C. MCGLINCHEY, L.A. RILEY, Ursinus College — A beam of the rare isotope ^{46}V was studied via intermediate energy Coulomb excitation at 60 MeV/nucleon at the National Superconducting Cyclotron Laboratory (NSCL). $B(E2; 0^+_{g.s.} \rightarrow 2^+_1)$ value of ^{46}V was used to calculate the M_o value for the nucleus. The extracted M_o value in ^{46}V was compared with the isoscalar multipole matrix element extracted from the previously determined $B(E2; 0^+_{g.s.} \rightarrow 2^+_1)$ of ^{46}Cr and ^{46}Ti. Preliminary results will be presented.

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