

Abstract Submitted
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Search for flavor-changing-neutral-current and lepton-flavor-violating decays of the D^0 meson at BABAR EDWARD BEHN, University of Maryland, BABAR COLLABORATION — We search for flavor-changing-neutral-current and lepton-flavor-violating decays of the form $D^0 \rightarrow \ell^+ \ell'^- V^0$, where $\ell^+ \ell'^-$ may be $\mu^+ \mu^-$, $e^+ e^-$, or $\mu^\pm e^\mp$ and V^0 is a neutral vector meson. Measurements are based on 425fb^{-1} of electron-positron collision events collected with the BABAR detector at the SLAC National Accelerator Laboratory.

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