

Abstract Submitted
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First measurement of the form factors in $D \rightarrow \rho e^+ \nu_e$ JUNYAN GE,
Purdue University, CLEO COLLABORATION — Using a 281 pb^{-1} data sample
collected with the CLEO-c detector at the $\psi(3770)$ resonance, we present improved
measurements of absolute branching fractions in the semileptonic decays $D^0 \rightarrow$
 $\rho^- e^+ \nu_e$ and $D^+ \rightarrow \rho^0 e^+ \nu_e$. By performing a four-dimensional maximum likelihood
fit to the distribution of kinematic variables, we have measured, for the first time,
the semileptonic form factors in these modes. An extension of the analysis with the
 $\approx 800 \text{ pb}^{-1}$ complete data set is also discussed.

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