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Latest KTeV results on the study of the decay $K_L \to \pi^+\pi^-\gamma$ MICHAEL RONQUEST, University Of Virginia, FNAL KTEV/E832 COLLAB-ORATION — This talk will present to date the most precise determination of the parameters that describe the M1 direct photon emission process in the decay $K_L \to \pi^+\pi^-\gamma$. The M1 process, along with the inner bremsstralung process, dominates this decay. This study was conducted using data collected during the 1997 run of the KTeV E832 experiment at Fermilab. A search for the CP violating E1 direct photon emission process will also be presented.

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