Measurement of $W$ boson mass at D0

JUN GUO, SUNY–Stony Brook, D0 COLLABORATION — We used the data collected by the D0 Run II detector during the 2001-2006 period of the Fermilab Tevatron Collider to determine the mass of the $W$ boson, with an integrated luminosity of 1 fb$^{-1}$. We will present the result for the direct measurement using the electron decay channel.

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