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Study of Hadronic Final States in Z Production in Searches for Monojet Signatures at the Tevatron MONICA D'ONOFRIO, ORIOL SALTO, IFAE Barcelona, CDF COLLABORATION — We present a comprehensive review of hadronic final states in Z boson production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. The analysis is performed in the context of preliminary studies on irreducible backgrounds in searches for monojet signatures, based on $\sim 1 \text{ fb}^{-1}$ of data collected by the CDF experiment in Run 2.

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