

# Pentaquark Search at Fermilab

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Recently there has been revival of interest in exotic baryon spectroscopy triggered by experimental evidence for pentaquarks containing  $u$ ,  $d$ ,  $s$  and  $c$  quarks. We report results of the searches for pentaquark states in decays to  $pK_S^0$ ,  $\Xi^-\pi^\pm$  and  $D^{*-}p$  at the CDF detector using a 220-pb sample of  $p\bar{p}$  interactions at  $\sqrt{s}$  of 2 TeV.