

Direct Signal Injection Crosstalk in LSST Camera Readout Electronics

Daniel Polin, Adam Snyder, Tony Tyson

CCDs in the Rubin Observatory LSST Camera exhibit novel crosstalk between amplifier segments that scales nonlinearly with source brightness.

By injecting signals directly into our readout electronics with a board that simulates the load of the CCD we can study how changing the input pulse affects the crosstalk and its nonlinearity.

