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Sky K Sjue* (sjue@lanl.gov) and **Elise Tang**. *Edge detection in proton radiography*. Preliminary report.

We will examine edge detection of material boundaries in cylindrical and spherical geometries in proton radiography data. We will compare performance of algorithms such as a Canny edge detector with a methodology accounting for chromatic effects in the proton imaging system. (Received August 31, 2021)