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Ezra Miller* (ezra@math.duke.edu). *Subword complexes and fibers of totally nonnegative parametrizations*. Preliminary report.

Connections between subword complexes and parametrizations of totally nonnegative parts of unipotent radicals give rise to an interesting perspective on regular CW decompositions of such spaces. (Joint work in progress with P. Hersh.) (Received August 02, 2011)