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**Lauren K Williams\*** ([lauren@math.harvard.edu](mailto:lauren@math.harvard.edu)), 346 Harvard Street #2, Cambridge, MA 02138. *Discrete Morse theory and the totally non-negative part of  $G/P$* . Preliminary report.

We will discuss an application of discrete Morse theory to the totally non-negative part of  $G/P$  (Received February 06, 2008)