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Suho Oh* (suho@mit.edu), 70 Pacific #446B, Cambridge, MA 02139. *Positroids and Schubert Matroids.*

Postnikov gave a combinatorial description of the cells in a totally-nonnegative Grassmannian. These cells correspond to a special class of matroids called positroid. We show that a positroid is exactly an intersection of cyclically permuted Schubert matroids induced from a Grassmann necklace. This leads to some nice combinatorial properties. (Received February 28, 2009)