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Farbod Shokrieh* (farbod@math.cornell.edu), 436 Malott Hall, Department of Mathematics, Cornell University, Ithaca, NY 14853-4201. *Matroids and their Jacobians*.

After defining the notion of Jacobian groups for certain matroids, I will discuss a very general class of bijections between the Jacobian group and the collection of bases. Although these bijections are described purely combinatorially, it turns out that there is a beautiful geometry behind the scenes. (Received August 26, 2016)