1158-13-94   **Joseph Gubeladze*** (`soso@sfsu.edu`), Department of Mathematics, San Francisco State University, San Francisco, CA 94132. *From numerical to affine and back.*

Although the numerical monoids are the special rank one case of general affine monoids, most of the works on these classes of monoids are organized around different ideas and challenges. In the talk we will focus on instances when a same approach leads to interesting yet different observations on both types of monoids. These include the structures of associate graded rings and arithmetic properties, such as factorizations and normality. (Received February 24, 2020)