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Valentina Barucci* (barucci@mat.uniroma1.it). *On symmetric oversemigroups of a numerical semigroup*. Preliminary report.

In the context of numerical semigroups, the symmetric ones are particularly relevant. It is well known for example their connection with Gorenstein rings. It seems interesting to study when an oversemigroup of a given numerical semigroup S is symmetric. Some results on that subject, obtained in collaboration with Lance Bryant, will be given in the talk. Particular attention will be paid to oversemigroups obtained by blowing up the maximal ideal of S and to almost-symmetric semigroups S . (Received February 02, 2015)