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**JANET VASSILEV**, University of New Mexico

*Patterns in differential powers of ideals in affine semigroup rings*

Let  $R$  be a two-dimensional normal affine semigroup ring, one of whose facets lies on the  $x$ -axis, the other lying within the first quadrant. We will discuss how the slope of the second facet determines patterns for the differential powers of ideals whose radical is the canonical ideal.