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**Bruce M Olberding\*** (olberdin@nmsu.edu), Department of Mathematical Sciences, Las Cruces, NM 88011. *Intersections of valuation overrings of two-dimensional Noetherian domains*. Preliminary report.

Viewing integrally closed overrings of two-dimensional Noetherian domains as intersections of valuation overrings, we look at some of the possible ways these rings can be represented by such intersections. For example, we are interested in conditions in which “few” valuation rings are needed to represent the ring, such as when these intersections are irredundant, or when the resulting ring is a Prüfer domain. (Received February 09, 2009)