Commutative Ring Theory Days 2010

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TOPOLOGY AND INTEGER-VALUED POLYNOMIALS ON SUBSETS OF VALUATION DOMAINS

K. ALAN LOPER

Let V be a valuation domain and S a subset. We investigate the question of conditions on S such that $\mathrm{Int}(S, V)$ is a Prüfer domain. We make use of Chabert's recent results on polynomial topology.

OHIO STATE UNIVERSITY

1179 UNIVERSITY DRIVE, NEWARK, OHIO 43055, USA
E-mail address: `lopera@math.ohio-state.edu`