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Jason G Boynton* (jason.boynton@ndsu.edu), Fargo, ND 58104. *Studying rings of integer-valued polynomials via pullback constructions.*

Let D be an integral domain with field of fractions K and let $E \subseteq D$ be any subset. Recall that $\text{Int}(E, D) = \{g(x) \in K[x] : g(E) \subseteq D\}$ is the ring of integer-valued polynomials determined by the subset E . We realize $\text{Int}(E, D)$ as a pullback construction in order to study the transference of some coherent-like conditions and factorization properties. (Received February 01, 2016)