

1118-13-225

**Michael C Steward\*** ([steward.57@osu.edu](mailto:steward.57@osu.edu)). *Extending the Skolem Property*. Preliminary report.

If  $I$  is a finitely generated ideal of some ring of integer-valued polynomials  $Int(D)$ , then for each element  $d$  of  $D$ ,  $I(d)$  is an ideal of  $D$  called the value ideal of  $I$  at  $d$ .  $Int(D)$  is said to have the Skolem property if each of its proper, finitely generated ideals must have some proper value ideal. It is said to have the strong Skolem property if its finitely generated ideals are characterized by their value ideals. We will consider analogues of the Skolem property for other polynomial rings. (Received February 01, 2016)