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**K Alan Loper\*** (loper.4@osu.edu), 1179 University Drive, Newark, OH 43055, and **Carmelo Finocchiaro**. *Viewing an ultrapower as an extension of a commutative ring*. Preliminary report.

Let  $D$  be a commutative domain and let  $D^*$  be a nonprincipal ultrapower of  $D$  over some infinite index set. We investigate the differences between the prime spectrum of  $D$  and the prime spectrum of  $D^*$ . Special emphasis will be on the structure of rings of integer-valued polynomial rings over almost Dedekind domains. (Received August 28, 2012)