1053-13-69   **Marcela Chiorescu*** (`marcela.chiorescu@gcsu.edu`), Georgia College and State University, GA , and **Fred Richman** (`richman@fau.edu`), Florida Atlantic University, FL. *Minimal Zero-Dimensional Extensions.* Preliminary report.

The structure of minimal zero-dimensional extensions of rings with Noetherian spectrum in which zero is a primary ideal and with only finitely many prime ideals of height greater than one will be presented. These rings include Dedekind domains and $K[[X;Y]]$ where K is a field, but need not be Noetherian nor integrally closed. We show that for such a ring R there is a one-to-one correspondence between isomorphism classes of minimal zero-dimensional extensions of R and sets $\mathcal{M}$, where the elements of $\mathcal{M}$ are ideals of R primary for distinct prime ideals of height greater than zero. (Received August 11, 2009)