1083-13-135   **Warren Wm. McGovern*** (`warren.mcgovern@fau.edu`), H.L. Wilkes Honors College, 5353 Parkside Dr., Jupiter, FL 33458. *p-extensions.*

This is joint work with two of my former students M.L. Knox and P. Bhattacharjee. We call an extension of rings, say $R \leq S$ to be a *p-extension* if for every $s \in S$ there is an $r \in R$ such that $sS = rS$. This notion is a generalization of the well-known (regular) localization. We will motivate the talk with examples and discuss passage of certain kinds of ring/ideal-theoretic properties. We will also discuss what we know about *p*-extensions in the context of rings of continuous real-valued functions. (Received August 25, 2012)