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Michelle Knox* (michelle.knox@mwsu.edu), **Papiya Bhattacharjee** and **Warren Wm. McGovern**. *p-Embeddings*.

Let R be a commutative ring with identity. A ring extension $R \hookrightarrow S$ is called a p -extension if for every $s \in S$ there is an $r \in R$ such that $sS = rS$, i.e., every principally generated ideal of S is generated by an element of R . The extension is called an associate p -extension if for every $s \in S$ there is an $r \in R$ and a unit $u \in S$ such that $r = su$. We will discuss some of the theory behind (associate) p -extensions and applications to $C(X)$, the ring of continuous functions. (Received September 20, 2012)