962-54-1262 **Pamela D Roberson*** (roberson@sfasu.edu), Department of Mathematics, Stephen F. Austin State University, Box 14040, Nacogdoches, TX 75962. *Selectively Confluent Mappings of Continua.*

A mapping f of a continuum X onto a continuum Y is said to be *selectively confluent* if and only if there exists a positive integer n such that for any collection K consisting of n mutually exclusive subcontinua of Y, there exists a subcontinuum of X whose image under f is a member of K. This property of mappings is a generalization of *weak confluence* and is different from several other generalizations, such as *local weak confluence*, *pseudo-confluence*, and *partial confluence*. We show that certain properties of continua are preserved by selectively confluent mappings, and investigate continua that are images of selectively confluent mappings only. (Received October 03, 2000)