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Leah Marshall* (lhm@gwmail.gwu.edu). *Computable Categoricity of Partial Injection Structures*. Preliminary report.

A computable structure is computably categorical if every isomorphic copy of it is isomorphic via a computable isomorphism. A computable injection structure is a mathematical structure consisting of a computable set and a computable injective (1-1) function. Recent work has been done by Cenzer, Harizanov, and Remmel investigating the effective categoricity of computable injection structures. We generalize this notion to partial injection structures and explore the different types of effective categoricity exhibited. (Received February 10, 2014)