1152-54-345 **James Keesling*** (kees@ufl.edu), Department of Mathematics, University of Florida, Gainesville, FL 32611-8105. *Čech-homotopy applied to the Čech-Stone Compactification.*

We use homotopic methods to prove certain theorems about the Čeach-Stone compactification and sub continua of its corona. The techniques of proof come from Čech homotopy or the Kan extension of the homotopy functor. However, the applications take a surprising twist. (Received September 08, 2019)