

Meeting: 1003, Atlanta, Georgia, AMS CP 1, AMS Contributed Paper Session

1003-22-926 **Shing S So*** (so@cmsu1.cmsu.edu), Dept. of Math. and Comp. Sci., Central Missouri State University, Warrensburg, MO 64093. *Quotient Semigroups of Compact Semigroups.*

Let S be a compact semigroup and S/I be a quotient semigroup of S , where I is an ideal of S . In this paper, topological relationships between S and S/I will be discussed. Particular interest will be given to the case when I is the minimal ideal $M(S)$ of S . (Received October 01, 2004)