1035-54-1457 **Rodica Cazacu*** (`rodica.cazacu@gcsu.edu`). *The qo-topology - an order topology on a space of quasicontinuous functions.*

In this work we find a new function space Q(X,L), the space of equivalence classes of quasicontinuous functions from a locally compact set X to a bicontinuous lattice L and we define on Q(X,L) the "qo-topology", which is a variant of classical order topology defined on complete lattices. Closed extensions of some differential operators exist on this new function space. (Received September 19, 2007)