## <u>(Abstract):</u>

In a recent paper. Sharp, Jr., has discussed the problem of finding formulae for the following naturally defined integers: the numbers t(n), tc(n), tco(n), and ts(n) of all homeomorphism classes of finite topological spaces with *n* elements, which are respectively (i) arbitrary, (ii) connected, (iii) To, (iv) connected and *To*, (v) symmetric. Here, a finite topological space *X* is called *symmetric* provided the following relation

^ is symmetric:  $x \land y$  if and only if x e Uv, the intersection of all open sets containing *y*.

In this context, consider also the following integers: the numbers Ps(n), r(n), m(n) and u(n) of all homeomorphism classes of finite topological spaces with n elements, which are respectively (i) pseudo-metrizable, (ii) regular, (iii) measurable, (iv) uniformizable. Here, a topological space X will be called *regular* provided *only* that every closed subset can be separated in the usual way from any point in its complement, and X will be called *measurable* provided every open set is also closed.