Suppose $M$ is a connected Hausdorff topological space. In addition, if $M$ is either locally connected or locally compact, then it satisfies the following condition: If $U$ is an open subset of $M$ containing $p$, there exists a non-closed connected subset $V$ of $U$ containing $p$ such that $V \cap \partial U \neq \emptyset$. In this paper, we discuss how this property can be used to establish a decomposition theorem in cyclic element theory. (Received September 22, 2006)