
Crossed product of $C^*$-algebras by locally compact groups have been studied widely. When the group is the group of integers $\mathbb{Z}$, and when the $C^*$-algebras is the continuous functions on compact metric spaces $C(X)$, it is shown that, in some cases, the crossed product has tracial rank zero. The crossed product having tracial rank zero was shown, by Lin and Phillips, by looking at a subalgebra that has a recursive structure. In this presentation, we briefly introduce the crossed product of $C(X)$ by the reals $R$. We then will discuss how to find a subalgebra of the crossed product of $C(X)$ by $R$, analogous to the one in the integer case, that has an recursive structure. (Received September 23, 2009)