

Scattered C^* -algebras and C^* -crossed Products

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Some characterizations of scattered C^* -algebras are well known. In my talk, new characterizations are given. There are a few of well known results about the question of when the C^* -crossed product of a scattered C^* -algebra becomes a scattered C^* -algebra under some assumptions. In my talk, I will give some results that, under some conditions, a C^* -algebra A is scattered if and only if C^* -crossed product $A \rtimes_\alpha G$ of A is scattered, where G is a compact group or a discrete group.