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**Title:** Proper actions of Groupoids on  $C^*$ -algebras

**Abstract:** In 1990 Rieffel introduced a notion of proper actions of groups on  $C^*$ -algebras. In his paper he shows how this generalizes the notion of a proper action of a group  $G$  on a space  $X$ , by considering the corresponding action of  $G$  on  $C_0(X)$ . Given a group  $G$  acting on a  $C^*$ -algebra  $A$  by  $\alpha$ , Rieffel also introduces the notion of a generalized fixed point algebra  $A^\alpha \in M(A)$  and shows that  $A^\alpha$  is Morita equivalent to a subalgebra of the reduced crossed product. I will generalize these notions to groupoids acting on  $C^*$ -algebras and give a Morita equivalence result.