

Representations of non local C^* algebras of singular operators and C^* crossed products

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Representations are constructed for classes of non local C^* algebras of singular integral operators with piecewise slowly oscillating coefficients when the associated group is an amenable discrete group of homeomorphisms with a set of fixed or periodic points. The non local algebras are related with C^* crossed products and the construction of their representations with C^* crossed products representations.