

# Ideals in Banach subalgebras of C\*-dynamical systems

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We determine the ideal structure of the analytic subalgebra of the C\*-algebra given as the crossed product of an action of the reals  $R$  on a locally compact space  $X$ . There is a one-to-one correspondence between ideals in the algebra  $C_0(X) \rtimes R^+$  and proper sets in the space  $X$  which are closed along orbits. A bimodule theorem completes the ideas in the development.

Joint work with Igor Fulman (Arizona State University)