

# CLASSIFICATION OF ACTIONS OF CYCLIC GROUPS ON AI-ALGEBRAS

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In this talk I will discuss a Cuntz semigroup classification for  $C^*$ -dynamical systems of the form  $\varinjlim(A_n, \alpha_n, G)$ , where  $A_n$  is an interval algebra and  $G$  is a cyclic group of prime order. This is a joint work with Andrew Dean.