

1154-47-2700 **Mitch Hamidi*** (hamidim@erau.edu). *Rigidity of Crossed Products Arising from \mathbb{Z} Acting on the Disc Algebra.*

We show that conjugacy of operator algebraic dynamical systems yields completely isometrically isomorphic crossed products, and we give a geometric characterization of conjugacy for two dynamical systems arising from the integers acting on the disc algebra. This is progress towards answering an open question of E. Katsoulis and C. Ramsey from 2015. (Received September 17, 2019)