1171-16-90 Danny Lara* (danny.lara@cwu.edu), 102 Peach Tree Ln, #1, Yakima, WA 98908, and Ryan Kinser. General Representation Type of Algebras. Preliminary report.

A fundamental result from representation theory states that any finite dimensional k-Algebra A is either of tame or wild representation type. Informally defined, a finite dimensional algebra is of wild representation type if for each $n \in \mathbb{N}_0$, there exist a dimension **d** such that A has a family of isomorphism classes of indecomposable representations that depend on at least n parameters from k. Therefore, it is infeasible to classify the representations of wild algebras. We will construct a family of wild algebras and show that we obtain a finite number of indecomposable representations, up to isomorphism, if we restrict to indecomposable representations whose orbits in $\operatorname{rep}_A(\mathbf{d})$ are open sub-varieties. We call these algebra finite general representation type. There are few wild algebras in the literature of this type and we aim to broaden the example base from which a broader understanding can be pursued. (Received August 08, 2021)