

ON THE TAMENESS OF TILTED ALGEBRAS

CALIN CHINDRIS

ABSTRACT. I will present several characterizations of the tameness of a tilted (more generally, quasitilted) algebra in terms of the invariant theory of the algebra in question. Along the way, I will discuss some reduction techniques for studying fields of rational invariants and moduli spaces for finite-dimensional algebras.

UNIVERSITY OF MISSOURI, MATHEMATICS DEPARTMENT, COLUMBIA, MO 65211, USA

E-mail address, Calin Chindris: `chindrisc@missouri.edu`