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**Anthony Quas\*** (aquas@uvic.ca) and **Terry Soo**. *Universality of quasi-hyperbolic toral automorphisms.*

A topological dynamical system  $(Y, S)$  is called *universal* if it ‘contains a copy’ of every ergodic measure-preserving transformation whose measure-theoretic entropy is strictly smaller than the topological entropy of  $S$ . Krieger showed that full shifts and mixing shifts of finite type are universal. We prove an analogous result for quasi-hyperbolic toral automorphisms (those with no roots of unity as eigenvalues). The proof is based on a weak notion of specification, as well as the Burton–Rothstein method for constructing isomorphisms of dynamical systems. (Received August 22, 2018)