1154-11-137 **Keping Huang*** (keping.huang@rochester.edu), 915 Hylan Building, Rochester, NY 14620.

Uniform Bounds for Periods of Endomorphisms of Varieties. Preliminary report.

Suppose X is a projective variety defined over a finite extension K of $\mathbb{Q}_p$ and suppose X admits a model $\mathcal{X}$ defined over the ring of integers R of K. Let $f : X \to X$ be an endomorphism of X defined over K that can be extended to an endomorphism of $\mathcal{X}$ defined over R. We prove an upper bound for the primitive period of periodic points defined over R. (Received August 14, 2019)