

ABSTRACT. Let K be a finite extension of the p -adic field \mathbb{Q}_p and let $F(X, Y)$ and $G(X, Y)$ be one-dimensional formal group laws over the ring of integers \mathcal{O}_K of K . Let $\phi(X)$ be a homomorphism from F to G which is defined over the ring of integers $\mathcal{O}_{\mathbb{C}_p}$ of the completion \mathbb{C}_p of \mathbb{Q}_p^{alg} . In this paper we prove that if $\ker(\phi)$ is finite then there is a discretely valued subfield $L \subset \mathbb{C}_p$ such that $\phi(X)$ is defined over \mathcal{O}_L .