# Reduction of Abelian varieties and curves

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Let $K/K_0$ be a finitely generated regular extension of fields of transcendence degree at least 2. We construct a Dedekind domain $R$ that contains $K_0$ with $\mathrm{Quot}(R) = K$ and prove that key properties of abelian varieties and smooth geometrically integral projective curves over $K$ are preserved under reduction modulo $\mathfrak{p}$ for almost all $\mathfrak{p} \in \mathrm{Spec}(R)$.