IMMERSION AND EMBEDDING OF PROJECTIVE VARIETIES

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§ 0. Introduction

Let $f: X \to Y$ be a morphism of algebraic varieties defined over an algebraically closed field. If X and Y are nonsingular, and the induced map $df: T(X) \to T(Y)$ of tangent bundles is a monomorphism, then f is called an *immersion*. A one-to-one immersion is

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