

## ERRATUM TO THE REVIEW OF “AFFINE DIFFERENTIAL GEOMETRY”

WILHELM P. A. KLINGENBERG

In the review of *Affine differential geometry*, by Katsumi Nomizu and Takeshi Sasaki, Bull. Amer. Math. Soc. (N.S.) **33** (1996), 75–76, the definition of the affine normal field  $\zeta$  is not intrinsic, since the approximating paraboloid is not well defined. One needs third derivatives to define the affine normal. Furthermore, in the review it was stated that the canonical Levi Civita connection determined by the quadratic form  $h$  introduced there is the same as the one induced by the above-defined canonical  $\zeta$ . In fact, this is the case if and only if the so-called cubic form vanishes identically, and this happens if and only if the surface is a quadric as shown by a result due to Maschke, Pick and Berwald (Theorem 4.5 of the book under review). The reviewer regrets the errors.