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Corrections to the paper "On the arithmetic normality of hyperplane sections of algebraic varietes"

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The following corrections should be made in my paper which appeared in Vol. XXIX, No. 2 (1955) of this Memoirs.

Page 160, line 1, instead "$\mathfrak{P} : (l) = \mathfrak{P}$" read "$(\mathfrak{P}+l)$ is a prime ideal". Page 160, line 7, instead" local rings of V" read "local rings of a normal variety V". Page 160, lines 31–32, instead "$h^1(o(n-1)) \leqq h^1(o(n))$" read "$h^1(\mathfrak{L}(C_{n-1})) \leqq h^1(\mathfrak{L}(C_n))$". Page 160, line 32, instead "$h^1(o(n))=0$" read "$h^1(\mathfrak{L}(C_n))=0$". Page 161, line 2, instead "for $n \geqq 1$" read "for $n \geqq 0$". Page 161, line 2, take off "This proves the second assertion". Page 161, line 15, add the following "This proves the first assertion. Combining this with the results $h^1(\mathfrak{L}(C_n))=0$ for $n \geqq 0$, we get immediately $h^1(o(n))=0$ for $n \geqq 0$".

We would like to add one remark here that a part of our Theorem 1 *can be* generalized in the following form.

Theorem *Let V be a projective variety defined over k, and C a generic hyperplane section of V with reference to k. Then if C is arithmetically normal, V is necessarily arithmetically normal.*

M. Nishi showed the proof of this Theorem.