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## ON THE HYPERSURFACES OF HERMITIAN SYMMETRIC SPACES OF COMPACT TYPE II

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## 1. Introduction.

Let M be an irreducible Hermitian symmetric space of compact type and let L be a holomorphic line bundle over M. Denote by  $\Omega^{p}(L)$  the sheaf of germs of L-valued holomorphic p-forms on M. In the previous paper [1] we have studied the cohomology groups  $H^{q}(M, \Omega^{p}(L))$  of M if M is of type BDI, EIII or EVII. This note is the continuation of [1], and we retain the notations introduced in [1]. In this note we study the cohomology groups  $H^{q}(M, \Omega^{p}(L))$  of M of type AIII, CI or EIII and show the following theorem.

**Theorem.** Let M be an irreducible Hermitian symmetric space of compact type but not a complex projective space nor a complex quadric of even dimension. Let V be a hypersurface of M whose degree  $\geq 2$ . Then

 $H^{0}(V, \Theta) = (0)$ 

where  $\Theta$  is the sheaf of germs of holomorphic vector fields on V.

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## 2. Proof of the Theorem.

Theorem 8 and Lemma 3 in the previous paper [1] is incorrect. The followings are true.

**Theorem 8.** Let M be an irreducible Hermitian symmetric space of type EIII, EVII or a complex quadric of odd dimension (resp. a complex quadric of even dimension  $\geq 4$ ), and let V be a hypersurface of M whose degree is d. Then

 $H^{0}(V, \Theta) = (0)$  if  $d \ge 2$  (resp.  $d \ge 3$ )

Lemma 3. Let M be an n-dimensional irreducible Hermitian symmetric space of compact type EIII, EVII or a complex quadric of odd dimension (resp. a