

Erratum

(*Proc. Indian Acad. Sci. (Math. Sci.)*, Vol. 119, No. 1, February 2009, pp. 71–80)

On Kahler-Norden manifolds

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Corollary 1 is not correct, we claim that the integrability of the structure φ is equivalent to the condition $\phi_\varphi g = 0$ which is not true. This condition only implies integrability and is not equivalent to it. In fact, if φ is the integrable structure on M_{2n} , then there exists on M_{2n} a torsion-free linear connection ∇ for which $\nabla\varphi = 0$, where ∇ is not, in general, the Levi-Civita connection of g . Thus the Corollary 1 should be changed so as to read:

“The almost complex structure φ on almost Norden manifold of class C^ω is integrable if $\phi_\varphi g = 0$.”