ERRATUM TO: SCREEN CAUCHY–RIEMANN LIGHTLIKE SUBMANIFOLDS*

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We need to adjust the Definition 1 of SCR-lightlike submanifolds by adding a third condition $\bar{J}(D) = D$ since, contrary to our claim (see line 19 of p. 141) this property does not follow from the definition as stated in the paper. In view of this adjustment, we give below the correct definition as follows:

DEFINITION 1. Let $(M, g, S(TM))$ be a lightlike submanifold of an indefinite Kaehler manifold $(\bar{M}, \bar{g})$. We say that M is a **SCR**-lightlike submanifold of $\bar{M}$ if the following three conditions are satisfied:

(1) There exists a real non-null distribution $D \subseteq S(TM)$ such that

$$S(TM) = D \oplus D^\perp, \quad \bar{J}D^\perp \subset S(TM^\perp), \quad D \cap D^\perp = \{0\},$$

where $D^\perp$ is orthogonal complementary to D in $S(TM)$.

(2) $\text{Rad} TM$ is invariant with respect to $\bar{J}$, that is, $\bar{J}(\text{Rad} TM) = \text{Rad} TM$.

(3) D is invariant with respect to $\bar{J}$, that is, $\bar{J}(D) = D$.

Accordingly, on p. 141, the first sentence after the above corrected definition should read “It follows that $\text{ltr}(TM)$ is invariant with respect to $\bar{J}$...” instead of “It follows that D and $\text{ltr}(TM)$ are invariant with respect to $\bar{J}$...”. We highlight the fact all the results of this paper will remain unchanged by the above adjustment.

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