Title: Lie derivatives on a real hypersurface in complex two-plane Grassmannians

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On a real hypersurface of a complex two-plane Grassmannian we have two connections: the Levi–Civita one, and for any nonnull k the k-th generalized Tanaka–Webster connection. Therefore we have the corresponding Lie derivatives. We classify such real hypersurfaces for which both Lie derivatives coincide when we apply them to the shape operator of the hypersurface.

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