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Title: Real hypersurfaces of non-flat complex space forms in terms of the Jacobi structure operator

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Real hypersurfaces satisfying the condition $\phi l = l\phi$, ($l = R(.,\xi)\xi$), have been studied by many authors, under at least one more condition, since the class of these hypersurfaces is too large. Moreover the operator l has been studied satisfying other conditions, including $\nabla_\xi l = 0$ and $lA = Al$. Even more, not much work has been done on the last equation. In the present paper we study condition $\phi l = l\phi$, combined with either $\nabla_\xi l = 0$ or $lA = Al$. All conditions are restricted in subspaces of the tangent space, in order to produce larger classes.

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