

Left-invariant nearly pseudo-Kähler structures and the tangent Lie group

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Abstract. Let G be a Lie group, and let (g, J) be a left-invariant almost pseudo-Hermitian structure on G . It is shown that if (g, J) is also nearly pseudo-Kähler, then the tangent bundle TG (with its natural Lie group structure induced from G) admits a left-invariant nearly pseudo-Kähler structure.

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