Title: Extrinsic spheres of a generalized Hopf manifold

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In the present article we study the geometry of extrinsic spheres in locally conformal Kaehler manifolds with parallel Lee form (generalized Hopf manifolds). Our method consists in analysing the positions of the mean curvature vector field with respect to the three canonical distributions of a g.H.m. . Using two celebrated theorems of M. Obata we determine sufficient conditions for an extrinsic sphere to be isometric with a standard one.

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