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Warped product semi-slant submanifolds in locally conformal Kaehler manifolds, II

Koji Matsumoto
(2-3-65 Nishi-Odori, Yonezawa, Yamagata, 992-0059, Japan)
E-mail: tokiko_matsumoto@yahoo.com

In the last conference (2017, Odessa), we defined 2 type warped product semi-slant submanifolds in an almost Hermitian manifold and we considered these submanifolds in a locally conformal Kaehler (an l.c.K.-) manifold and mainly considered some properties of the first type warped product semi-slant submanifold in an l.c.K.-manifold.

In this talk, we consider a same submanifold with the parallel second fundamental form in an l.c.K.-space form (an l.c.K.-manifold with a constant holomorphic sectional curvature). Using Codazzi equation, we partially determine the tensor field P which defined in the curvature tensor field of an l.c.K.-space form. Finally, we consider T, F and t.

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