On slant submanifolds of semi-Riemannian manifolds

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Slant submanifolds of an almost Hermitian manifold were introduced by B.-Y. Chen as a natural generalization of both complex and totally real submanifolds. Later, they were also defined in the almost contact metric setting. In this talk, we will review the main facts about this theory, as well as its extension to the semi-Riemannian case, by analyzing some already known notions as well as some new ideas.