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Decompositions of para-complex vector bundles and para-complex affine immersions

Abstract: This talk is about a common work with M.-A. Lawn [LS]. We discuss some results on decompositions of para-complex and para-holomorphic vector bundles carrying a connection. Next we introduce the notion of para-complex affine immersions and explain the fundamental theorems of these immersions.

[LS] M.-A. Lawn and L. Schäfer: *Decompositions of para-complex vector-bundles and affine para-complex immersions*, Res. in Math. vol. **48**, 3/4.