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タイトル: On a higher codimensional analogue of Ueda theory and its applications

アブストラクト:

Let Y be a compact complex manifold embedded in a complex manifold with unitary flat normal bundle.

As a higher-codimensional generalization of Ueda's theory, we investigate the analytic structure of a neighborhood of Y .

As an application, we give a criterion for the existence of a smooth Hermitian metric with semi-positive curvature on a nef line bundle.