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*Special Lagrangian submanifolds in non-Kähler Calabi-Yau manifolds*

Given a (possibly non-Kähler) Calabi–Yau threefold $(X, \Omega)$, we introduce the notion of a (perturbed) special Lagrangian (SL) submanifold of $(X, \omega, \Omega)$, where $\omega$ is a Hermitian metric on $X$. The equations defining this class of submanifolds reduce to the usual SL equations when $\omega$ is a Kähler metric. Using the Sard-Smale technique, we prove the existence of a comeagre set of Hermitian metrics $\omega$ on $X$ such that the moduli space of perturbed SL submanifolds in $(X, \omega, \Omega)$ consists of isolated points. We also explore some of the known results about deformations of SL submanifolds in a non-Kähler setting.