

# SYZ transformation for coisotropic A-branes

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Abstract:

Kapustin-Li observed that Lagrangian cycles alone is not enough for mirror symmetry for Calabi-Yau manifolds away from LCSL and they introduced the notion of coisotropic A-branes. In the semiflat case, Yi Zhang and I showed recently that the SYZ transformation of B-branes are precisely given by coisotropic A-branes. In this talk, I will explain this work.