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## Limiting behavior of a class of Hermitian–Yang–Mills metrics

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Motivated by homological mirror symmetry, we study the Hermitian–Yang–Mills metrics on a class of rank two slope-stable vector bundles over a complex torus. We construct a family of Hermitian metrics and then compare them to the normalized Hermitian–Yang–Mills metrics. We get a desired limiting behavior of Hermitian–Yang–Mills metrics on such vector bundles with respect to the large Kahler metrics.

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