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## The volume of pseudoeffective line bundles

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## Abstract

Let L be a line bundle with positive singular Hermitian metric  $he^{-u}$ , on an *n*-dimensional compact Kähler manifold X. Let  $h_k$  be the dimension of the space of global sections that are  $L^2$  integrable with respect to the weight  $e^{-ku}$ . We show that the limit of  $h_k/k^n$  exists, and equals the non-pluripolar volume of the *I*-model potential associated to u. Joint work with Mingchen Xia.