

FOLIATIONS WHOSE FIRST CHERN CLASS IS NEF

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Venue: Tencent Meeting: 244 997 300 Password: 7754

Abstract: Let F be a foliation whose first Chern class is nef, on a projective manifold X . Assume that either F is regular, or it has a compact leaf. We prove that there is a locally trivial fibration from X to Y , and a foliation G on Y with trivial first Chern class, such that F is the pullback of G .