

## **Rational curves on compact Kähler manifolds**

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We present an inductive strategy to show the existence of rational curves on compact Kähler manifolds which are not minimal models but have a pseudoeffective canonical bundle. The tool for this inductive strategy is a weak subadjunction formula. As an application, we prove the existence of rational curves on 4-dimensional manifolds which are not minimal models but have a pseudoeffective canonical bundle. This is a joint work with Andreas Höring.