

Ratioanal curves on Moishezon spaces	Summer 2025
Note 5 — 2025-07-10 (draft version)	
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The aim of this not is to give an introduction to the rational curves on Moishezon spaces. The major references are [Kol22], [?], [?].

Contents

1	BDPP theorem on Moishezon spaces	1
2	Paz’s minimal model theory over Moishezon base	1
3	Projectivity criterion for Moishezon space using rational curves	1
4	Mckernan’s Mori bend and break theorem on Moishezon spaces	1

1 BDPP theorem on Moishezon spaces

The first topic that we will discussed is the BDPP theorem for Moishezon space.

Theorem 1.

Let us end this section with few words in the Kähler setting. Recently, [?] proved the BDPP conjecture for Kähler manifold.

Theorem 2 ([?]).

His proof uses some algebracity criterion for foliation.

2 Paz’s minimal model theory over Moishezon base

3 Projectivity criterion for Moishezon space using rational curves

4 Mckernan’s Mori bend and break theorem on Moishezon spaces

References

[Kol22] János Kollár, *Moishezon morphisms*, Pure Appl. Math. Q. **18** (2022), no. 4, 1661–1687.