

Shokurov, V. V.

3-fold log models. (English) Zbl 0873.14014

J. Math. Sci., New York 81, No. 3, 2667-2699 (1996).

The author improves the results of the log minimal model program (LMMP) on cones, contractions, flips, termination and abundance, proving them under the following more general conditions: (i) boundaries are \mathbb{R} -divisors (instead of \mathbb{Q} -divisors), (ii) singularities are log canonical (instead of log terminal).

The proofs are based both on the analogous theorems in the standard case and on vanishing theorems.

Reviewer: [L. Picco Botta \(Torino\)](#)

MSC:

14E30 Minimal model program (Mori theory, extremal rays)

14J30 3-folds

14M07 Low codimension problems in algebraic geometry

Cited in **6** Reviews
Cited in **40** Documents

Keywords:

[log minimal model program](#); [flips](#); [abundance](#); [vanishing theorems](#)

Full Text: [DOI](#)

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