

Chap 1.

1.3 - 1.5. cones, positivity 田翊

1.6 - 1.9. Vanishing Thm

1.10 - 1.12 Singularities 陈向涛

1.13 - 1.14 low dim'l map

Chap 2.

2.1 - 2.4 base point free & cone thm 周琳

2.5 - 2.8. Contractions, bend-and-break

2.9 - 2.10 Zariski decomp. polyhedral decomp. 罗宇杰

2.11 - 2.12 Multiplier ideal sheaf, extension thm.

Chap 3.

proof