

Turkish Journal of Mathematics

Turkish Journal

of

Mathematics


Tyurina Components and Rational Cycles for Rational Singularities

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 [Keywords](#)
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Abstract: In this paper, we give a geometric proof of Pinkham's theorem on the positive cycles supported on the exceptional divisor of a rational singularity. In order to do this, we give several properties of the Tyurina components of the exceptional divisor and of the points of blowing-up surface of a rational singularity.

Turk. J. Math., **23**, (1999), 361-374.

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