

Asymptotic behaviour of rational curves

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(Submitted on 19 Jul 2011)

We investigate the asymptotic behaviour of the moduli space of morphisms from the rational curve to a given variety when the degree becomes large. One of the crucial tools is the homogeneous coordinate ring of the variety. First we explain in details what happens in the toric case. Then we examine the general case.

Comments: This is a revised and slightly expanded version of notes for a course delivered during the summer school on rational curves held in June 2010 at Institut Fourier, Grenoble

Subjects: **Algebraic Geometry (math.AG)**; Number Theory (math.NT)

Cite as: **arXiv:1107.3824 [math.AG]**

(or **arXiv:1107.3824v1 [math.AG]** for this version)

Submission history

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[v1] Tue, 19 Jul 2011 19:43:52 GMT (63kb)

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