

Mathematical Physics

A construction of algebraic surfaces with many real nodes

J. G. Escudero

(Submitted on 18 Jul 2011 (v1), last revised 7 Nov 2011 (this version, v2))

A family of algebraic surfaces with many nondegenerate real singularities is introduced with the help of a construction, which has been used in previous works for the generation of substitution tilings.

Comments: 9 pages, 8 figures ; added 3 pages and 3 figures

Subjects: **Mathematical Physics (math-ph)**; Algebraic Geometry (math.AG)

MSC classes: 14J17, 14J70

Cite as: [arXiv:1107.3401](https://arxiv.org/abs/1107.3401) [math-ph]

(or [arXiv:1107.3401v2](https://arxiv.org/abs/1107.3401v2) [math-ph] for this version)

Submission history

From: Juan Garcia Escudero [[view email](#)]

[v1] Mon, 18 Jul 2011 11:03:38 GMT (807kb,D)

[v2] Mon, 7 Nov 2011 09:39:19 GMT (697kb,D)

[Which authors of this paper are endorsers?](#)

Download:

- [PDF](#)
- [Other formats](#)

Current browse context:

math-ph

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [1107](#)

Change to browse by:

[math](#)

[math.AG](#)

References & Citations

- [NASA ADS](#)

Bookmark([what is this?](#))

