



Closures of K-orbits in the flag variety for $GL(2n)$

[William M. McGovern](#)

(Submitted on 1 Jul 2011 (v1), last revised 22 Aug 2011 (this version, v2))

We characterize the O_{2n} orbits in the flag variety for GL_{2n} with rationally smooth closure via a graph-theoretic criterion. We also give a necessary pattern avoidance criterion for rational smoothness and conjecture its sufficiency.

Comments: 5 pages

Subjects: **Representation Theory (math.RT)**; Combinatorics (math.CO)

MSC classes: 22E47

Cite as: [arXiv:1107.0284v2](#) [math.RT]

Submission history

From: William McGovern [[view email](#)]

[v1] Fri, 1 Jul 2011 17:42:30 GMT (6kb)

[v2] Mon, 22 Aug 2011 18:35:50 GMT (6kb)

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

Link back to: [arXiv](#), [form interface](#), [contact](#).

Download:

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

Current browse context:

math.RT

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

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

Change to browse by:

[math](#)

[math.CO](#)

References & Citations

- [NASA ADS](#)

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

