

Tardos, Gábor**Polynomial bound for a chip firing game on graphs.** (English) Zbl 0652.68089

SIAM J. Discrete Math. 1, No. 3, 397-398 (1988).

Summary: Björner, Lovász, and Shor have introduced a chip firing game on graphs. This paper proves a polynomial bound on the length of the game in terms of the number of vertices of the graph provided the length is finite. The obtained bound is best possible within a constant factor.

MSC:**68R10** Graph theory (including graph drawing) in computer science**68Q25** Analysis of algorithms and problem complexity**05C35** Extremal problems in graph theoryCited in **1** Review
Cited in **29** Documents**Keywords:**

polynomial time; chip firing game on graphs

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