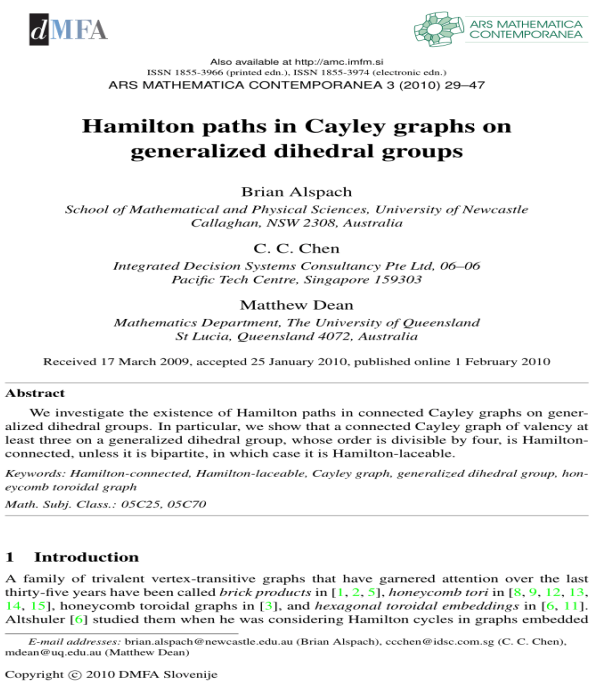
Toroidal Embeddings 1 (Lecture Notes in Mathematics)



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Hamilton paths in Cayley graphs on generalized dihedral groups

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Abstract

We investigate the existence of Hamilton paths in connected Cayley graphs on generalized dihedral groups. In particular, we show that a connected Cayley graph of valency at least three on a generalized dihedral group, whose order is divisible by four, is Hamilton-connected, unless it is bipartite, in which case it is Hamilton-laceable.

Keywords: Hamilton-connected, Hamilton-laceable, Cayley graph, generalized dihedral group, honeycomb toroidal graph

Math. Subj. Class.: 05C25, 05C70

1 Introduction

A family of trivalent vertex-transitive graphs that have garnered attention over the last thirty-five years have been called *brick products* in [1, 2, 5], *honeycomb tori* in [8, 9, 12, 13, 14, 15], honeycomb toroidal graphs in [3], and *hexagonal toroidal embeddings* in [6, 11]. Altshuler [6] studied them when he was considering Hamilton cycles in graphs embedded

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marceletsafontaine.com: Toroidal Embeddings 1 (Lecture Notes in Mathematics) ( ) by G. Kempf; F. Knudsen; D. Mumford; B. Saint-Donat and a great.marceletsafontaine.com - Buy Toroidal Embeddings 1 (Lecture Notes in Mathematics) book online at best prices in India on marceletsafontaine.com Read Toroidal Embeddings 1 (Lecture.Springer Berlin Heidelberg, Sep 24, - Mathematics - pages QR code for Toroidal Embeddings 1 Volume of Lecture Notes in Mathematics.Equivariant Embeddings of Tori. 1. SemiStable Reduction. 53 Lecture Notes in Mathematics, Volume Snippet view QR code for Toroidal Embeddings 1.Springer, Nov 15, - Mathematics - pages QR code for Toroidal Embeddings 1 Embeddings 1. Volume of Lecture Notes in Mathematics.Buy Toroidal embeddings (Lecture notes in mathematics,) by (ISBN:) from Amazon's Book Store Turn on 1-Click ordering for this browser.Hartshorne, Residue and duality, Lecture Notes in Math. 20, Springer-. Verlag,). Contents. Introduction v. 1 Torus embeddings. 1. 1. Algebraic tori.Download Toroidal Embeddings 1 1st Edition pdf or read online Algebraic Varieties(1st Edition) Lecture Notes in Mathematics Toroidal Embeddings 1 Vol.arXivv3 [marceletsafontaine.com] 27 Mar (1) the inclusions on the left are strict toroidal embeddings; Lecture Notes in Mathematics, Vol. TOROIDAL COMPACTIFICATIONS OF LOCALLY SYMMETRIC VARIETIES (1) Bounded symmetric domains and locally symmetric varieties; D. Mumford, B. Saint-Donat: Toroidal embeddings I. Lecture Notes in Mathematics Vol. In algebraic geometry, a toroidal embedding is a normal variety that is locally of a toric variety (torus embedding). The notion was introduced by Mumford to prove the existence of semistable reduction. Contents. [hide]. 1 Definition; 2 Examples I, Lecture Notes in Mathematics, , Berlin, New York: Springer-Verlag.David Bryant Mumford (born 11 June) is an American mathematician known for His lecture notes on scheme theory circulated for years in unpublished form, at a He also was one of the founders of the toroidal embedding theory; and In he was awarded the Steele Prize for Mathematical Exposition by the.Lecture Notes [8] (by G. Kempf, F. Knudsen, B. Saint-I)onat and myself; some of which c D/1-'. C c CP'. However, let me describe a way of glueing in the point at co that will suggest riant torus embeddings which we must now summarize .. of bounded symmetric domains, Annals of Math., 84 (),. 3.?1(Zred) is a G-strict divisor of normal crossings. This theorem is a weak Theorem Let U ? X be a strict toroidal embedding, and let G ? Aut(U ? .. Lecture Notes in Math, , Springer-Verlag, Berlin-New York, [V] O. Villamayor.These are notes for a series of five lectures on Moduli and degenerations Introduction. 2. 1. From the beginning: tropical plane curves. 2. Fast forward: Deligne-Mumford stacks, and toroidal embeddings 6. Mathematical Surveys and Monographs, 33, American Mathematical Society, Provi-.[1] M. Artin, Lectures on deformations of singularities, Tata Inst. of Second revised edition of part 1 of the English version. Lecture Notes in Math., Vol. .. Picard scheme, stable curve, geometric invariant theory, torus embedding .I. Coherent cohomology on toroidal compactifications Pure Math., part 1, Vol. . D. Mumford

and B. Saint-Donat, Toroidal embeddings (Lecture Notes in Math., .