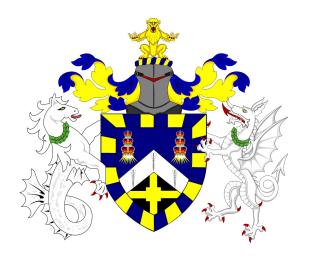
Constructibility of polygons

With special emphasis on examples

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A thesis presented for the degree of Master of Science in *name of programme*

School of Mathematical Sciences and possible joint school

Queen Mary University of London

Declaration of original work

This declaration is made on February 22, 2024.

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Referenced text has been flagged by:

- 1. Using italic fonts, and
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- 3. explicitly mentioning the source in the text.

This work is dedicated to my dog Charles Frederick.

Acknowledgements

Abstract

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Chapter 1

Introduction

This note presents a conjecture stemming from our investigations in the generation of sigmoid tensor categories of Picard numbers of tori in Banach algebras. Nulla ac nisl. Nullam urna nulla, ullamcorper in, interdum sit amet, gravida ut, risus. Aenean ac enim. In luctus. Phasellus eu quam vitae turpis viverra pellentesque. Duis feugiat felis ut enim. Phasellus pharetra, sem id porttitor sodales, magna nunc aliquet nibh, nec blandit nisl mauris at pede. Suspendisse risus risus, lobortis eget, semper at, imperdiet sit amet, quam. Quisque scelerisque dapibus nibh. Nam enim. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Nunc ut metus. Ut metus justo, auctor at, ultrices eu, sagittis ut, purus. Aliquam aliquam.

1.1 Motivation for this work

In the works of Petri ([P99, Theorem 2.3]) we find the following statement

Theorem 1.1.1 ([P99, Theorem 2.3], see also [BS, pg. 45]). The Gramm

matrix for E_8 is:

$$\begin{pmatrix} 2 & -1 & 0 & 0 & 0 & 0 & 0 & 0 \\ -1 & 2 & -1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & -1 & 2 & -1 & 0 & 0 & 0 & -1 \\ 0 & 0 & -1 & 2 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & -1 & 2 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & -1 & 2 & -1 & 0 \\ 0 & 0 & 0 & 0 & 0 & -1 & 2 & 0 \\ 0 & 0 & -1 & 0 & 0 & 0 & 0 & 2 \end{pmatrix}.$$

1.1.1 The problem of exponential extensions

Donec et nisl id sapien blandit mattis. Aenean dictum odio sit amet risus. Morbi purus. Nulla a est sit amet purus venenatis iaculis. Vivamus viverra purus vel magna. Donec in justo sed odio malesuada dapibus. Nunc ultrices aliquam nunc. Vivamus facilisis pellentesque velit. Nulla nunc velit, vulputate dapibus, vulputate id, mattis ac, justo. Nam mattis elit dapibus purus. Quisque enim risus, congue non, elementum ut, mattis quis, sem. Quisque elit.

1.1.2 The approach of Junderstein

Chapter 2

Eulerian topological string motives

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2.1 Definitions

2.1.1 Tate's theorem

Preliminary considerations Donec et nisl id sapien blandit mattis. Aenean dictum odio sit amet risus. Morbi purus. Nulla a est sit amet purus venenatis iaculis. Vivamus viverra purus vel magna. Donec in justo sed odio malesuada dapibus. Nunc ultrices aliquam nunc. Vivamus facilisis pellentesque velit. Nulla nunc velit, vulputate dapibus, vulputate id, mattis ac, justo. Nam mattis elit dapibus purus. Quisque enim risus, congue non, elementum ut, mattis quis, sem. Quisque elit.

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2.1.2 Grothendieck topologies

2.2 Calculation of the invariant cycles

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2.2.1 Fontaine's theorem

Chapter 3

Conclusions

Appendix A

Implementation of the BarrierOptionCVA class

Appendix B

Additional details on the Gundermanian determinant

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