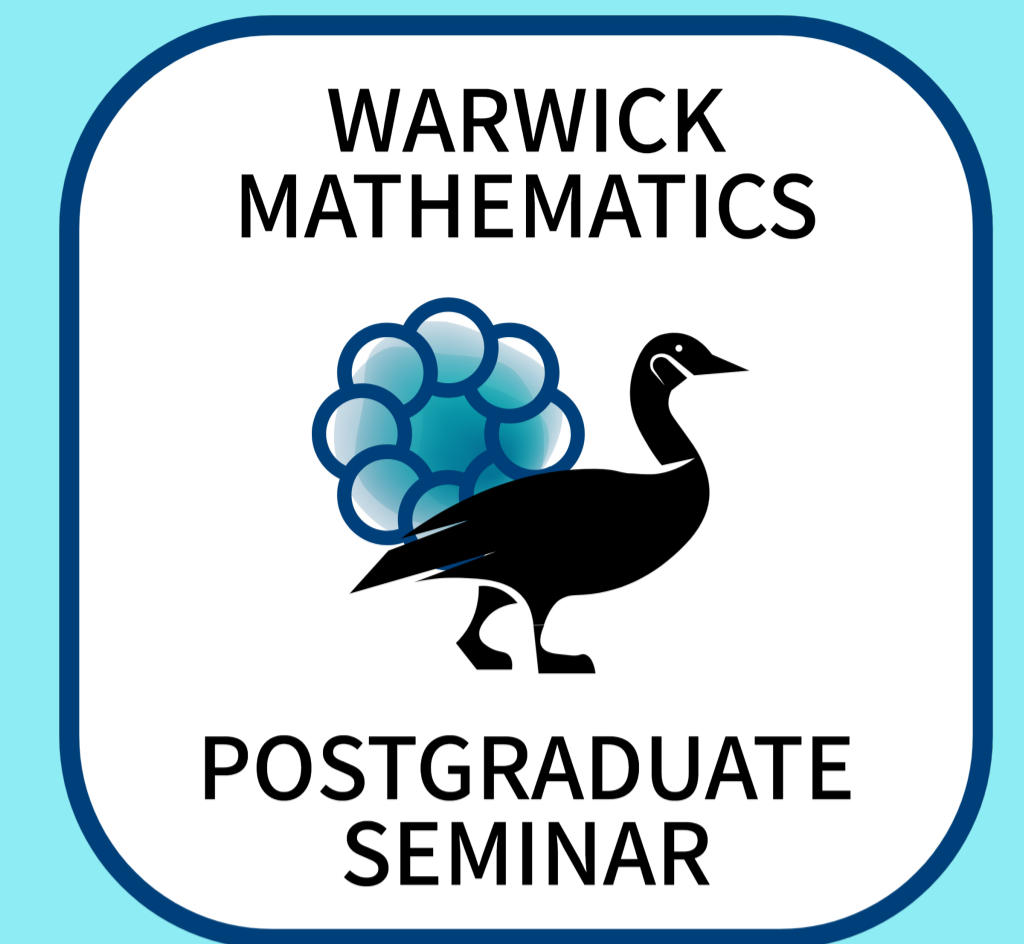


# Disjoint isomorphic balanced clique subdivisions

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Week 3 - Term 3



## Abstract

A subdivision of a graph  $H$  is obtained by replacing each edge of  $H$  by a path, and it is called balanced if every added path is of the same length. How can we find a balanced subdivision of a complete graph if we have enough edge density?

In this talk, I will present the idea behind this question. This is joint work with Irene Gil Fernández, Joseph Hyde, Hong Liu, Oleg Pikhurko.

### Time

12 pm, 10<sup>th</sup>  
May 2023

### Location

Room B3.02

### Organisers

Alvaro Gonzalez Hernandez  
Katerina Santicola