

# Algebraic Wheel Theory in Lean 4

Yan Yablonovskiy

July 26, 2025

# Chapter 1

## Introduction

This project aims to digitise some results of JESPER CARLSTRÖM on algebraic wheels[\[1\]](#).

# Bibliography

- [1] JESPER CARLSTRÖM. “Wheels – on division by zero”. In: *Mathematical Structures in Computer Science* 14.1 (2004), pp. 143–184. DOI: [10.1017/S0960129503004110](https://doi.org/10.1017/S0960129503004110).