## Scuola di Scienze Dipartimento di Fisica e Astronomia Corso di Laurea in Fisica

## TITOLO TESI

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## 1 Introduction

- 1.1 Abstract simplicial complexes
- 1.2 Differential forms on abstract simplicial complexes
- 1.3 Integration on simplicial chains
- 1.4 Smooth real manifolds and abstract graphs