

COURSE PROJECT
(INTRODUCTION TO REFLECTION GROUPS)

This is the title of your Project

Firstname Lastname
February 27, 2013

Abstract

Abstract should be written here. An abstract is a brief summary of your article. It should help the reader quickly ascertain the paper's purpose. An abstract always appears at the beginning of a manuscript, acting as the point-of-entry for your paper.

1 Introduction

Introduce your project here.

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 Use *align* environment for writing equations. Use *align** if you do not want the equations to be numbered.

$$\begin{aligned}(x+y)^3 &= (x+y)^2(x+y) \\&= (x^2 + 2xy + y^2)(x+y) \\&= (x^3 + 2x^2y + xy^2) + (x^2y + 2xy^2 + y^3) \\&= x^3 + 3x^2y + 3xy^2 + y^3\end{aligned}\tag{1.1}$$

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1.1 Heading on level 2 (subsection)

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$$A = \begin{bmatrix} A_{11} & A_{21} \\ A_{21} & A_{22} \end{bmatrix} \quad (1.2)$$

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Heading on level 4 (paragraph) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim.

2 Lists

2.1 Example for list (3*itemize)

- First item in a list
 - First item in a list
 - * First item in a list
 - * Second item in a list
 - Second item in a list
- Second item in a list

2.2 Example for list (enumerate)

1. First item in a list
2. Second item in a list
3. Third item in a list

References

- [1] Lamport, Leslie. *L^AT_EX: A Document Preparation System*. Addison-Wesley Publ. 2007.
- [2] Schläffli,S. Some math paper or book. *Journal of Mathematical Enjoyment* (2014), 23-37.