# Simple Mesh by dealii

Submitted by,

**Asif Istiak; ID: 20205083** 

**Mechanical Design Engineering** 

**Andong National University** 

Submitted to,

**Professor See Jo Kim** 

**Mechanical Design Engineering** 

**Andong National University** 

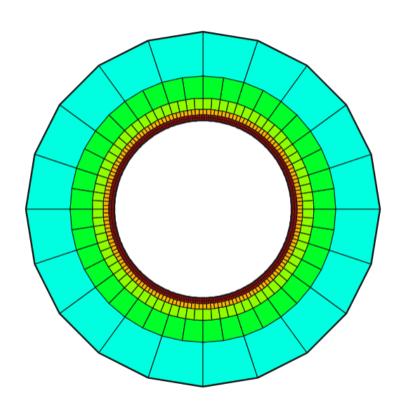
### Contents

- > Abstract
- > Introduction
- > Examples
- > Concluding Remarks
- > Reference

#### **Abstract**

#### **Tutorial of Deal.ii:**

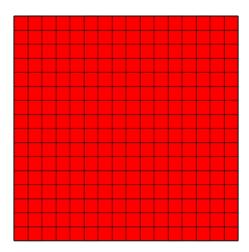
- Explanation of code.
- Modifying of code
- Simple Mesh explanation
- Documentation of Deal.ii



## Introduction

#### Simple Mesh

- Read Though Documentation
- How meshes are generated by C++ code(deal.ii step 1)
- > How to run them



#### **Reference**

https://www.math.colostate.edu/~bangerth/videos.676.5.html

#### BASIC CONCEPT

**Triangulation** Collection of Cells and others

C++ Many Collection of classes

**Run in Linux** Output and Visualize

**Dealii.org** Documentation in Website

## Thank You