**Project Report**

**TOPIC 1: INTENSITY TRANSFORMATIONS & SPATIAL FILTERING**

**Image Processing (BEJ42903)**

**Dr.** **Suhaila Binti Sari**

**Universiti Tun Hussein Onn Malaysia**

**07/06/2023**

**Semester 2 2023**

**Moritz Hoehnel (JD220004), Mattis Ritter (JD220003)**

Table of Contents

[1. Introduction 3](#_Toc136140100)

[2. Transformation Technique 3](#_Toc136140101)

[2.1 Intensity Transformation 3](#_Toc136140102)

[2.2 Spatial Filter 3](#_Toc136140103)

[3. Development Software 3](#_Toc136140104)

[4. Application Instruction 3](#_Toc136140105)

[5. Picture Analysis 3](#_Toc136140106)

[5.1 Intensity Transformation 3](#_Toc136140107)

[5.2 Spatial Filter 3](#_Toc136140108)

[6. References 3](#_Toc136140109)

# 1. Introduction

# 2. Transformation Technique

## 2.1 Intensity Transformation

## 2.2 Spatial Filter

# 3. Development Software

# 4. Application Instruction

# 5. Picture Analysis

## 5.1 Intensity Transformation

## 5.2 Spatial Filter

# 6. References