

Universiti Teknologi MARA

Images Composition Using Chroma Key
Techniques

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ABSTRACT

This project proposes a Statistical Method for solving the variation of Chroma key values respect to the background, the crucial part of this project is determining the alpha value or threshold. Therefore, Statistical Method which is Standard deviation and Mean are being used. This project approach used both foreground and background images to identify the pixel's color of the images. The alpha value need to be in range of $[0, 1]$ to be accepted. Algorithm is implemented to retrieve the alpha value hence remove the unintended background. The algorithm is effectively can helps in reducing the green spill around the subject image. The images are evaluated based on observation made by expertise.

TABLE OF CONTENTS

CONTENTS	PAGE
SUPERVISOR'S APPROVAL	i
DECLARATION	ii
ACKNOWLEDGEMENT	iii
ABSTRACT	iv
TABLE OF CONTENTS	v
LIST OF FIGURES	vii
CHAPTER 1	1
INTRODUCTION	1
1.1 Background of Study.....	2
1.2 Problem Statement.....	3
1.3 Objectives.....	4
1.4 Project Scope.....	4
1.5 Research significance.....	6
1.6 Outline of the thesis.....	7
CHAPTER 2	8
LITERATURE REVIEW	8
2.1 Chroma Key.....	9
2.2 Matting.....	9
2.3 Image Composition.....	10
2.4 Image Segmentation.....	13
2.5 Statistical Approach.....	14
CHAPTER THREE	16
METHODOLOGY	16
3.1 Problem Identification.....	18
3.2 Data Collection.....	18
3.3 Data Analysis - Project Development Model.....	19

3.3.1 Acquire image of foreground and background	21
3.3.2 Mapping of Image	23
3.3.3 Calculate Pixel Color	23
3.3.4 Determining Threshold Value	24
3.3.5 Check Quality of Image	27
3.3.6 Save Image	27
3.3.7 Software and Hardware	28
3.4 Report and Documentation	28
3.5 Conclusion	28
CHAPTER 4	29
ANALYSIS AND DISCUSSIONS	29
4.1 Data Collection Analysis	29
4.2 Statistical Approach	37
4.3 Observation through Expertise	37
4.4 Summary	39
CHAPTER 5	40
CONCLUSION AND RECOMMENDATION	40
5.1 Summary of Findings	40
5.2 Limitations	41
5.3 Recommendation	43
APPENDICES	44
APPENDIX A: REVIEW BY THE EXPERTISE	44
APPENDIX B: CHROMA KEY TECHNIQUES ALGORITHMS	46
REFERENCES	57