Color Image Processing

Digital Image Processing

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1 Introduction

1.1 Brief Description

Color images existed long before the rise of computing and digital image processing. While most techniques of monochrome image processing such as blur and edge detection can be directly applied to color images, others require modification. Furthermore, there exists procedures specific only to color images. In this project, we try to implement some of these techniques and note down our findings.

1.2 Authors and Credits

The work has been undertaken by group number 8, whose members are listed in the following table.

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*`https://github.com/McSinyx/recipe`

2 Color Spaces

3 Color Image Enhancements

4 Pseudo Color Rendering

5 Conclusion

6 References

[1] Sanjiv K. Bhatia. "Color Image Processing". *Cmp Sci 5420: Digital Image Processing*. University Of Missouri—St. Louis, Fall 2018.