GPGPU

Barcode Localization

Abstract

Contents

Paul Adam
Tony George
Thibault Lahoussoy
Mathieu Tammaro
Jose A. Henriquez Roa

December 8, 2021

1. Introduction

2. CPU Reference

2.1 Kernel References

2.2 Performance

3. GPU

3.1 Kernels

3.2 Kernel merge

3.3 Max value search (reduction)

3.4 Performance

4. Conclusion