

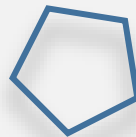
# *EE-Edge Enhance*



食鱼者



202312



# 目录 CONTENTS

01. 现象说明

02. 增强方法

03. 算法介绍

04. 代码演示



*01*

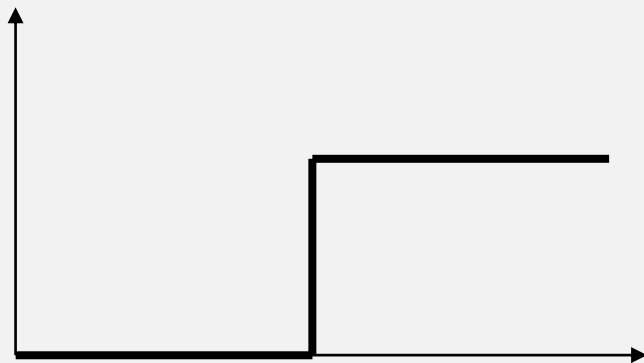
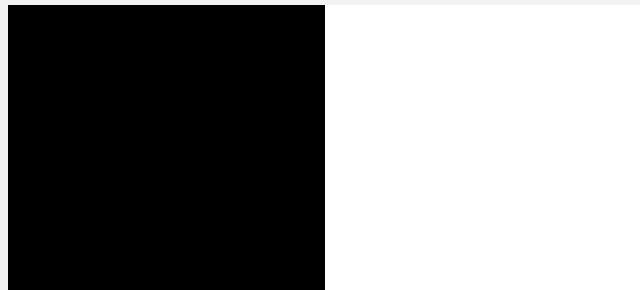
# 现象说明



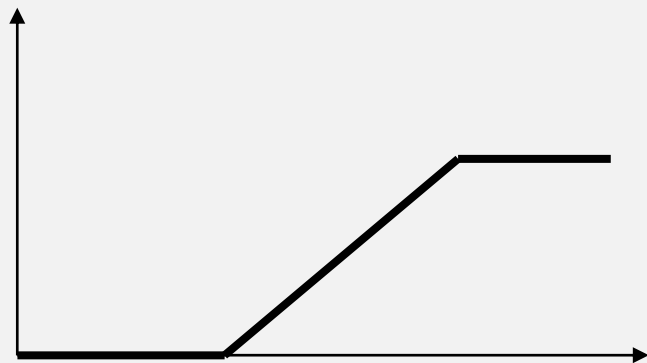
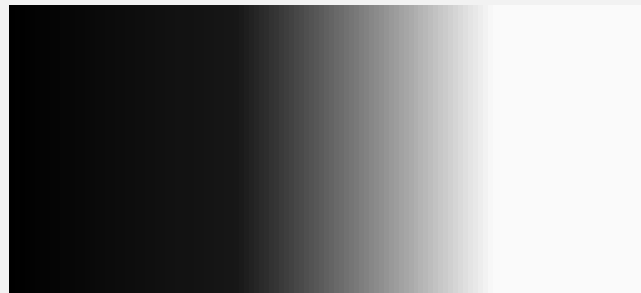


## 产生原因

理想边缘



实际边缘





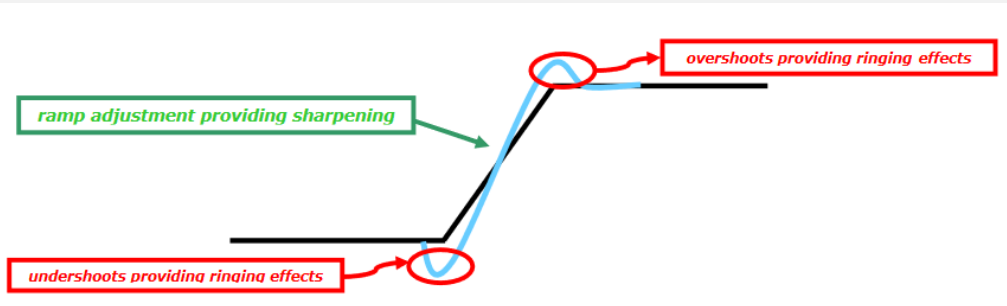
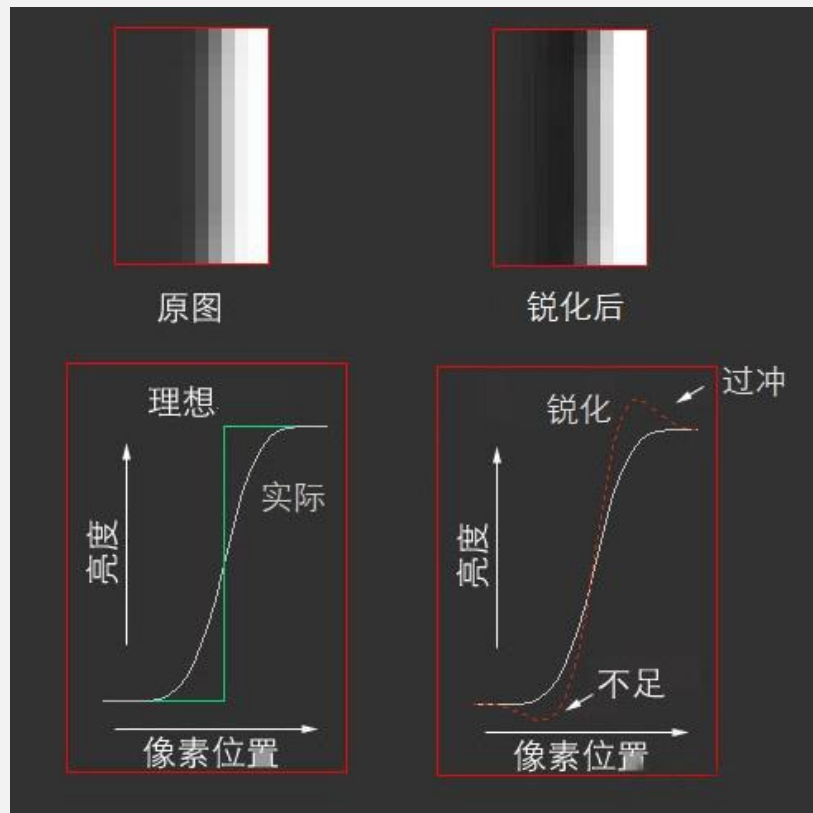
02

## EE增强方法



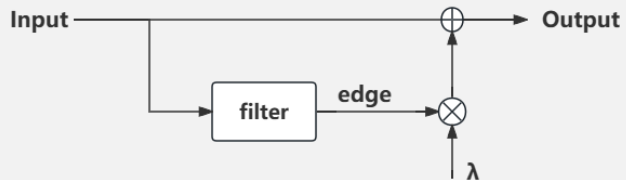
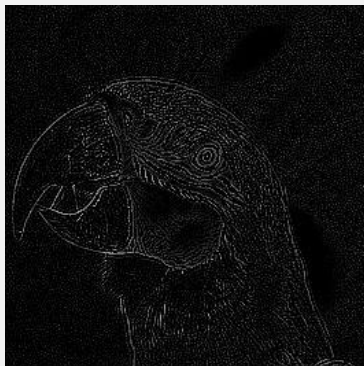


# 增强原理





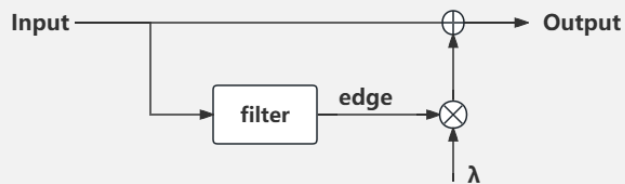
## 增强原理



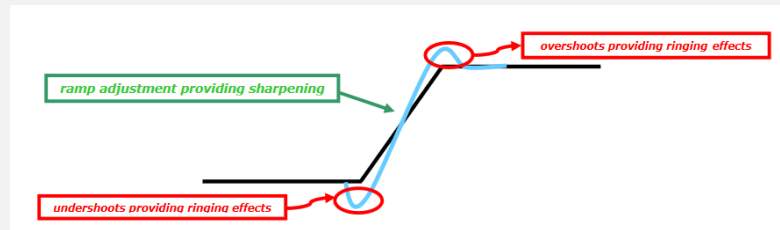
$$\text{Output}(x, y) = \text{Input}(x, y) + \lambda * \text{edge}$$



# 增强原理



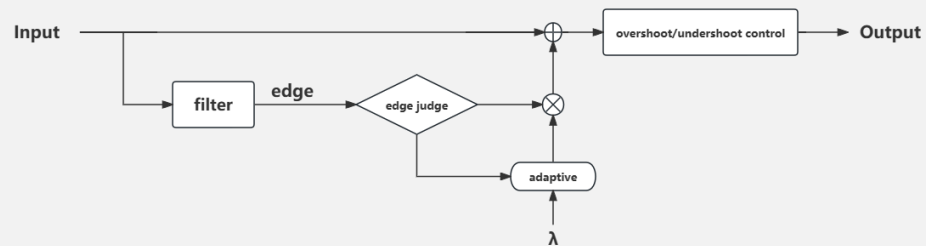
$$\text{Output}(x, y) = \text{Input}(x, y) + \lambda * \text{edge}$$







# 增强原理





03

## 算法介绍





# Sharpness Improvement Adaptive to Edge Strength of Color Image

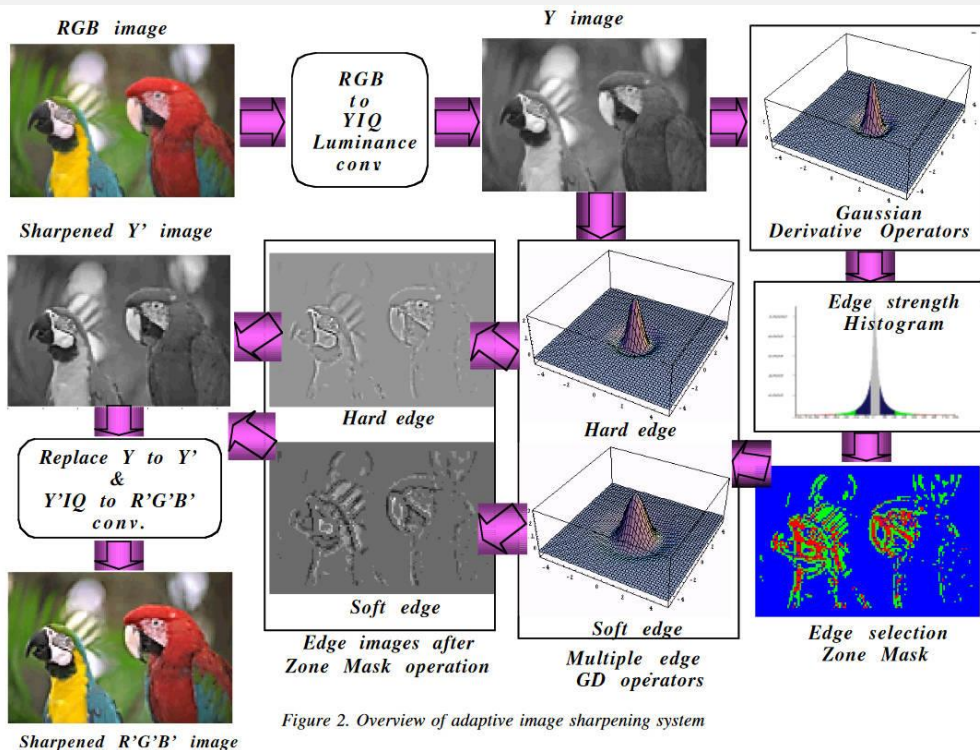


Figure 2. Overview of adaptive image sharpening system

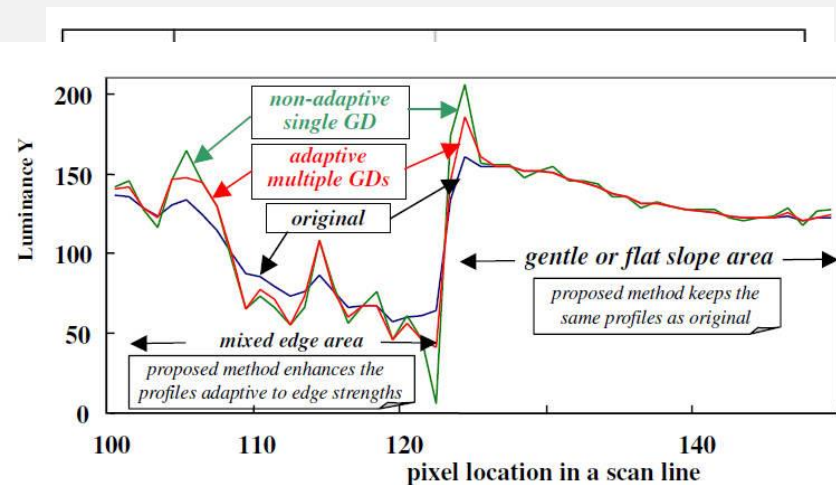


Fig.8 Histogram of edge strength



**04**

## 代码演示





食鱼者



202312



wtzhu13



<https://gitee.com/wtzhu13>



猪猪爱吃鱼



wtzhu\_13

*See You!*