Spatial Transforms and Filtering

Histogram equalization, Histogram matching, Local Histogram equalization and Image filtering

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1. **Histogram equalization**

(1). Introduction

(2). Algorithm description

(3). The pseudo code

(4). Results

(5). Analysis and conclusions

1. **Histogram matching**

(1). Introduction

(2). Algorithm description

(3). The pseudo code

(4). Results

(5). Analysis and conclusions

1. **Local Histogram equalization**

(1). Introduction

(2). Algorithm description

(3). The pseudo code

(4). Results

(5). Analysis and conclusions

1. **Reduce noise**

(1). Introduction

(2). Algorithm description

(3). The pseudo code

(4). Results

(5). Analysis and conclusions