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# 数字图像处理

# Digital Image Processing

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# Course Contents

- 绪论-- Introduction
- 数字图像基础-- Digital Image Fundamentals
- 图像增强-- Image Enhancement
- 图像复原-- Image Restoration
- 彩色图像处理-- Color Image Processing
- 图像压缩-- Image Compression
- 图像分割-- Image Segmentation

# Textbooks

- 数字图像处理(第4版)(英文版), R. C. Gonzalez等著, 电子工业出版社, 2018年.
- 图像工程(第4版), 章毓晋著, 清华大学出版社, 2018年.

# Textbook website

- <http://www.imageprocessingplace.com/>

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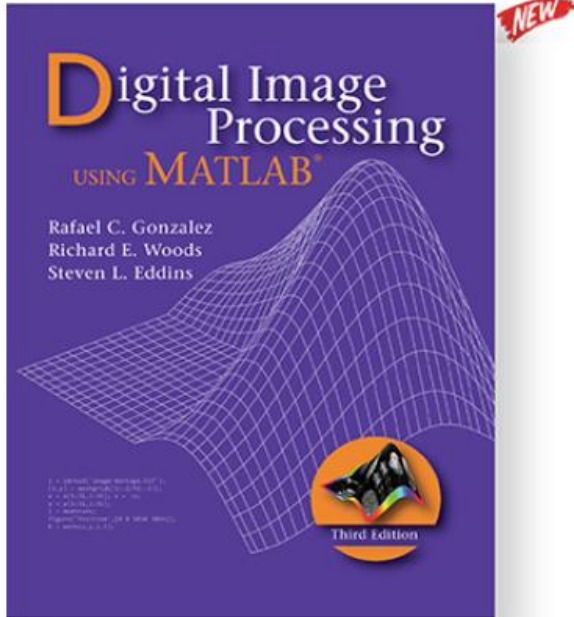
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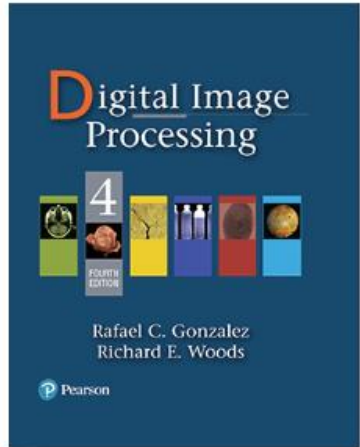
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# Top Journals and Conferences

- **IEEE Transactions on Image Processing (TIP)**
  - **IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)**
  - **IEEE Transactions on Medical Imaging (TMI)**
  - **IEEE Conference on Computer Vision and Pattern Recognition (CVPR)**
  - **International Conference on Computer Vision (ICCV)**
  - **European Conference on Computer Vision (ECCV)**
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-

# 实验要求

## ■ 实验提交的内容：

- ❑ 实验报告（根据给定模板进行写作）
- ❑ 可以运行的程序（Matlab）
- ❑ 将所有内容打包上传（命名规则：LabN\_学号\_姓名）

## ■ 提交地址：

- ❑ 教学FTP/上传作业/数字图像处理\_22数媒

## ■ 提交日期：

- ❑ 每次实验课后一周之内

# 成绩构成

- 出勤与课堂表现 (10%)
- 实验 (40%)
- 期末考试 (50%)