

Image processing



Component

École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

In brief

- **Ametys Code:** N8EN11A
- **Open to exchange students:** Yes

Presentation

Objectives

- 1) Introduction to the main digital image processing techniques: encoding and compression, enhancement and restoration, contour detection and segmentation, so that students gain an overview of existing conventional techniques.
 - 2) Guided discovery of segmentation approaches through practical work: from the most conventional approaches, such as mean shift, to the most recent superpixel-based approaches.
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Pre-requisites

Completion of first-year courses.

Useful info

Place

› Toulouse