COURSE DETAIL

DIGITAL IMAGE PROCESSING
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 108
UCEAP Course Suffix
UCEAP Official Title Digital Image Processing
UCEAP Transcript Title DIG IMAGE PROCESSNG
UCEAP Quarter Units 5.50
UCEAP Semester Units 3.70

Course Description

This course covers image representation in frequency domain, Fourier transform, sampling theorem, Filtering, Wiener Filter, image enhancement, edge detection, Hough transform, segmentation, interest operators, mathematical morphology, vectorization, texture, sceletonization, medical axis and distance transform, contour/line tracing and -smoothing, Gestalt psychology, and grouping.

Language(s) of Instruction
English

Host Institution Course Number
0433 L110

Host Institution Course Title
Digital Image Processing

Host Institution Course Details
https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Technische Informatik und Mikroelektronik

Course Last Reviewed
2021-2022

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