Poster Presentation

[AISp1/DESp2]Image Processing
Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

2:30 PM - 5:00 PM

[AISp1/DESp2-1]Hardware Acceleration for Multi-Scale Object Detection Based on Dense Pyramid Feature

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Keywords:Hardware Acceleration, Object Detection, ACF Detector

ACF is a method for object detection which approximately constructing a dense feature pyramid used for Adaboost classifier. Our work focuses on this method and implement the whole detection process on heterogeneous hardware platform. This design achieves a detection performance of 134 fps consuming less hardware resources.

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