Statement of attainment

Donal Glavin

successfully obtained a pass mark of tasks in:

Robotic Vision

a six-week course of study offered by QUT Open Online Learning,
an initiative of the Queensland University of Technology.

Learning outcomes achieved:

- Describe and explain the utility of vision as a sensor for robots and evaluate the challenges inherent in visual information.
- Describe the underlying principles of common image processing techniques and the circumstances where they are applicable, the rationale for reducing image pixels to features and the principles of image region segmentation and feature extraction.
- Describe the mathematical and geometric principles underlying the formation of images, describe the principles of continuous spectra, trichromatic vision and the separation of chrominance and luminance information.
- Demonstrate the software skills to import images from a variety of sources into MATLAB and perform a number of image processing and feature extraction algorithms using MATLAB.

Peter Corke   Issued 2 December 2016
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