

Multimedia Systems and Applications

Edge Detection

1. Write a program using the language (Matlab, C++,...) you are familiar with to detect the edges from an image
2. The images are at the end of this document.
3. Basic issues
 - a. Histogram equalization
 - b. Sobel operator
 - c. Add your comments in source code
 - The goal of the function, the main concept of the code section, the meaning of each variable, ...
4. Bonus

Other ideas for improving the detection result
5. **Submission due: Two weeks after the project is assigned.**

