*IT*472 **Digital Image Processing** **March** 9, 2011
Quiz : Canny Edge detection **Lab Quiz** [**L**5]

[L5.A.1] Implement Canny edge detection algorithm.

1. All the necessary references are made available to you on course page. The algorithm works in five steps. Try to make implementation as modularized as possible(make functions).

2. Use `wheel.png` as an input to your algorithm.

3. Decide your self whether this image requires any preprocessing or not.

4. The choice of thresholds and the width of gaussian filter is to be decided by you.

5. Write matlab codes and make sure to comment crucial part of the codes.

6. As far as the work is concerned you may work in groups.

7. You may use codes available or any reference you wish. Make sure to acknowledge the source in a short report which you will submit as `ID.pdf` along with the `*.m` files zipped together.

8. **CHECK THE DEADLINE CAREFULLY!**