presents greater robusteness to contrast and lighting variations, besides avoiding obtaining double edges. For future prospect, the proposed technique is to find more fine edges using fuzzy logic technique. In future, modification of fuzzy rules can produce better result. Further tuning of the weights associated to the fuzzy inference rules is still necessary to reduce even more inclusion in the output image of pixels not belonging to edges.

Our proposed technique is restricted only to gray scale images, this can be extended to color images in that case, and the detection would become significantly more complex

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