

5. D. Ziou and S.Tabbone, "Edge detection techniques: an overview," International Journal of Pattern Recognition and Image Analysis, vol. 8, no. 4, pp. 537-559, 1998.
6. S. Chen and D. Zhang, "Robust image segmentation using FCM with spatial constraints based on new kernel-induced distance measure," IEEE Trans. Systems, Man and Cybernetics, Part B, vol. 34, no. 4, pp. 1907-1916, Aug. 2004.

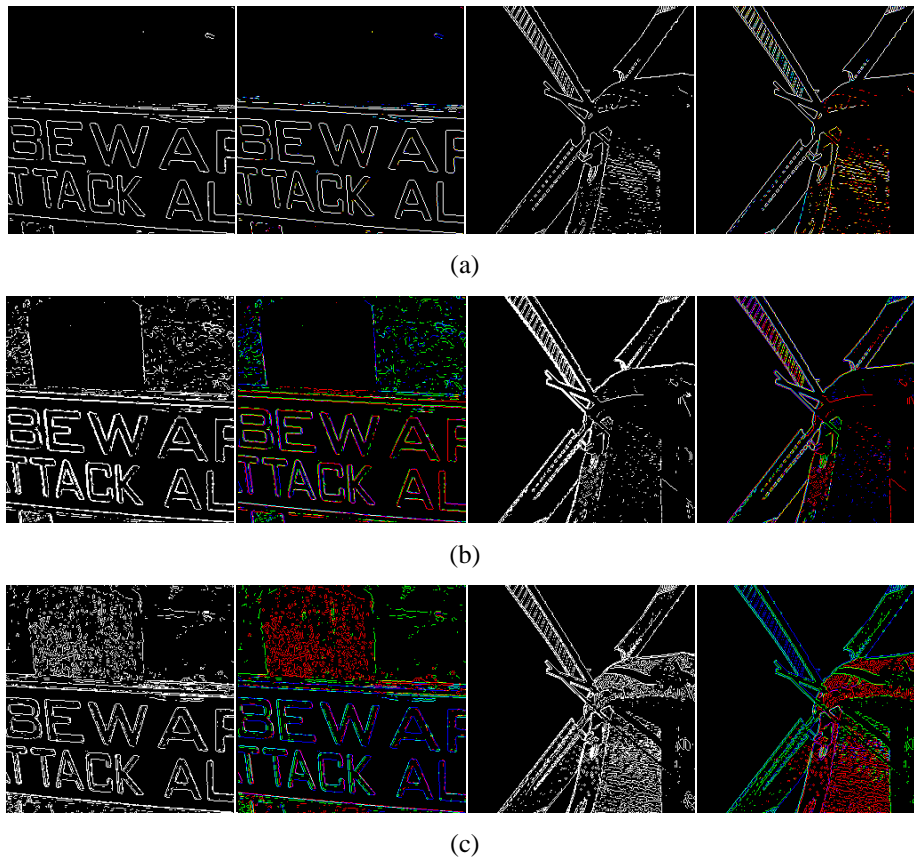


Fig. 1. Detected edge by Sobel method on LC #44 and #52 images: (a) RGB color space, (b) YIQ color space, and (c) HSV color space.