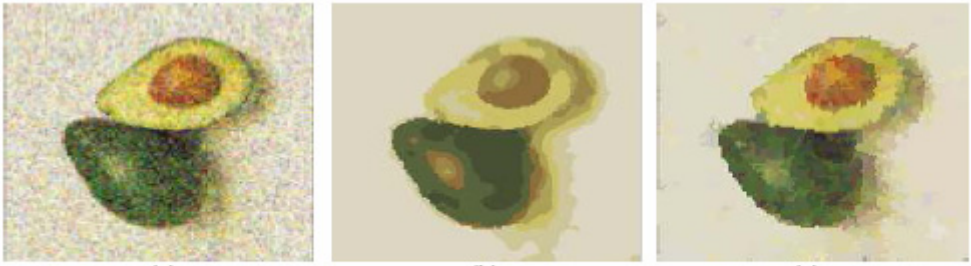
(a) (b) (c)

Figure 1. Segmentation results on a test image. (a) Test image corrupted with Gaussian noise (standard deviation 30 grayscales). (b) Segmented result – our algorithm. (c) Segmented result –mean shift algorithm.

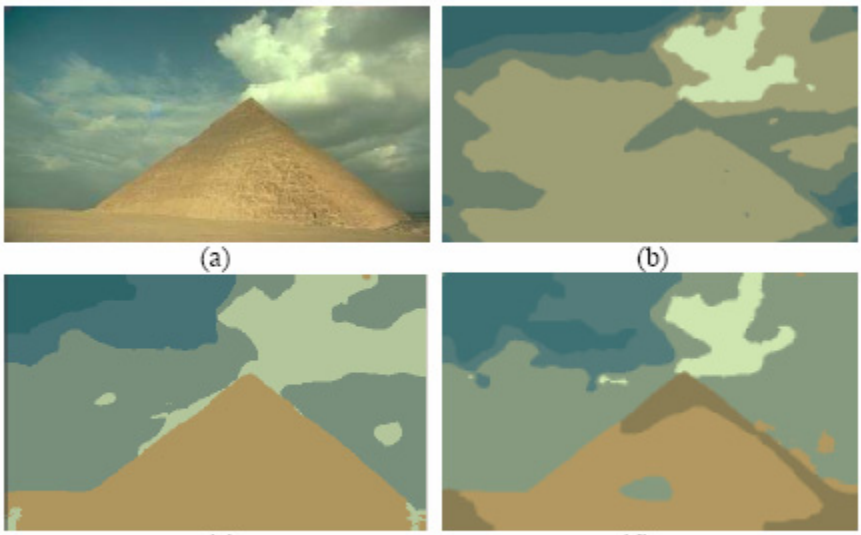
(a) (b) (c)

Figure 2. Segmentation results on a natural image. (a) Input image. (b) Segmented result – our algorithm. (c) Segmented result – mean shift algorithm.



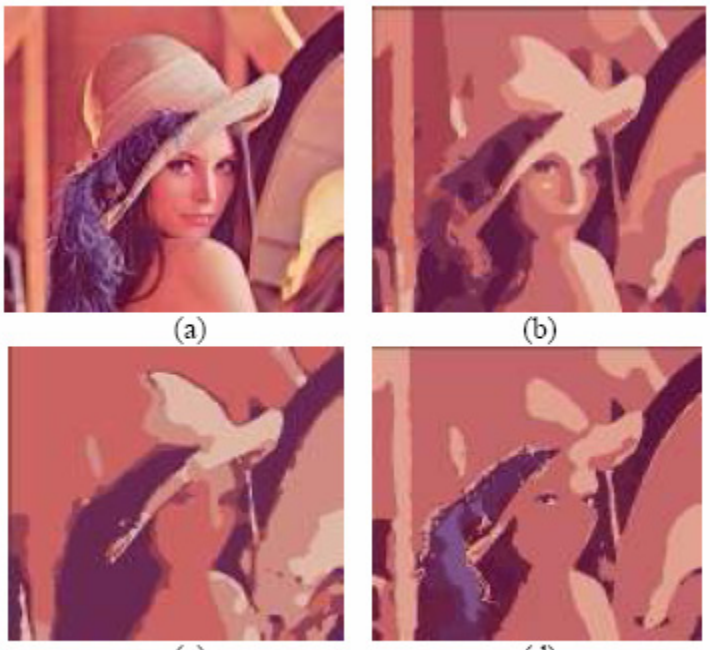
(a) (b) (c)

Figure 3. Segmentation results for a low-resolution natural image. (a) Input image. (b) Segmented result – our algorithm. (c) Segmented result – mean shift algorithm.



(a) (b) (c) (d)

Figure 4. Segmentation results. (a) Test image. (b) Segmented result – RGB color space. (c) Segmented result – YIQ color space. (d) Segmented result – HSI color space.



(a) (b) (c) (d)

Figure 5. Segmentation results. (a) Test image. (b) Segmented result – RGB color space. (c) Segmented result – YIQ color space. (d) Segmented result – HSI color space.

(a) (b)

Figure 6. Performance characterization of the developed algorithm. (a) Test image with low resolution. (b) Image corrupted with additional noise (standard deviation 30 grayscales).