

Assignment 3 – Q2 Report

Image 1:

image : 2/data/baboonColor.png

Gaussian kernel band-width for the color feature (hr) = 8

Gaussian kernel bandwidth for the spatial feature (hs) = 16

Number of iterations = 20

Image downsampled by factor d=4



From left to right:

- i) Original image,
- ii) Image after mean shift segmentation,
- iii) Segments created using colour-coding for each segment

Image 2:

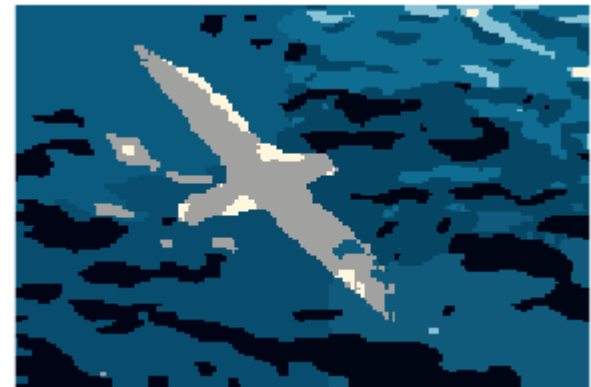
image : 2/data/bird.jpg

Gaussian kernel band-width for the color feature (h_r) = 20

Gaussian kernel bandwidth for the spatial feature (h_s) = 20

Number of iterations = 15

Image downsampled by factor $d=6$



From left to right:

- i) Original image,
- ii) Image after mean shift segmentation,
- iii) Segments created using colour-coding for each segment

Image 3:

image : 2/data/flower.jpg

Gaussian kernel band-width for the color feature (h_r) = 12

Gaussian kernel bandwidth for the spatial feature (h_s) = 12

Number of iterations = 25

Image downsampled by factor $d=3$



From left to right:

- i) Original image,
- ii) Image after mean shift segmentation,
- iii) Segments created using colour-coding for each segment