Table of Contents

MyMainScript

```
tic;
```

Your code here

```
image = imread('../data/flower.png');

%Uncomment below to downsample the image by a factor of two
% image = imresize(image, 1/2);
%
```

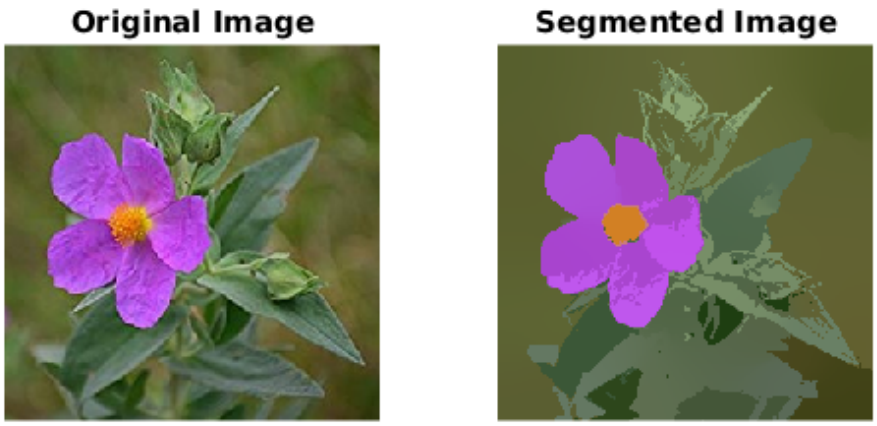
Optimal Parameter Values

- Gaussian Kernel Bandwidth for color feature = 20
- Gaussian Kernel Bandwidth for spatial feature = 100

```
final_img = myMeanShiftSegmentation(image, 20, 100, 20);
```

Flower

```
figure;
subplot(1,2,1);
imshow(uint8(image), 'DisplayRange', []);
title('Original Image');
subplot(1, 2, 2);
imshow(uint8(final_img), 'DisplayRange', []);
title('Segmented Image');
```



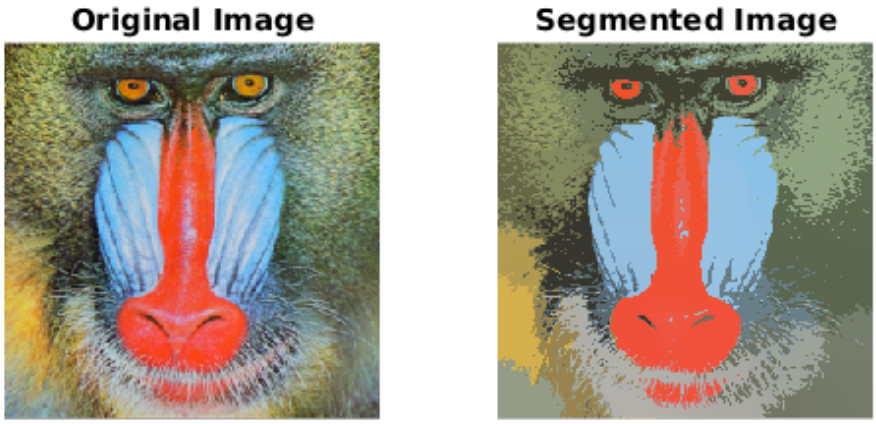

```
image = imread('../data/baboonColor.png');
image = imresize(image, 1/2);
final_img = myMeanShiftSegmentation(image, 20, 100, 20);
```

Baboon

```
figure;
subplot(1,2,1);
imshow(uint8(image), 'DisplayRange', []);
title('Original Image');
subplot(1, 2, 2);
imshow(uint8(final_img), 'DisplayRange', []);
title('Segmented Image');

toc;
```

```
Elapsed time is 450.175082 seconds.
```



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