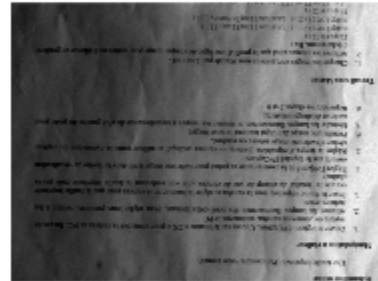
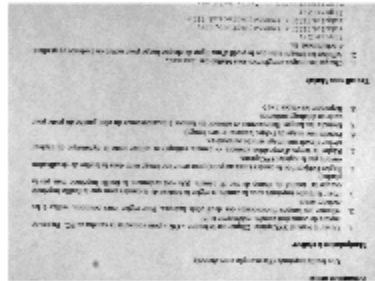
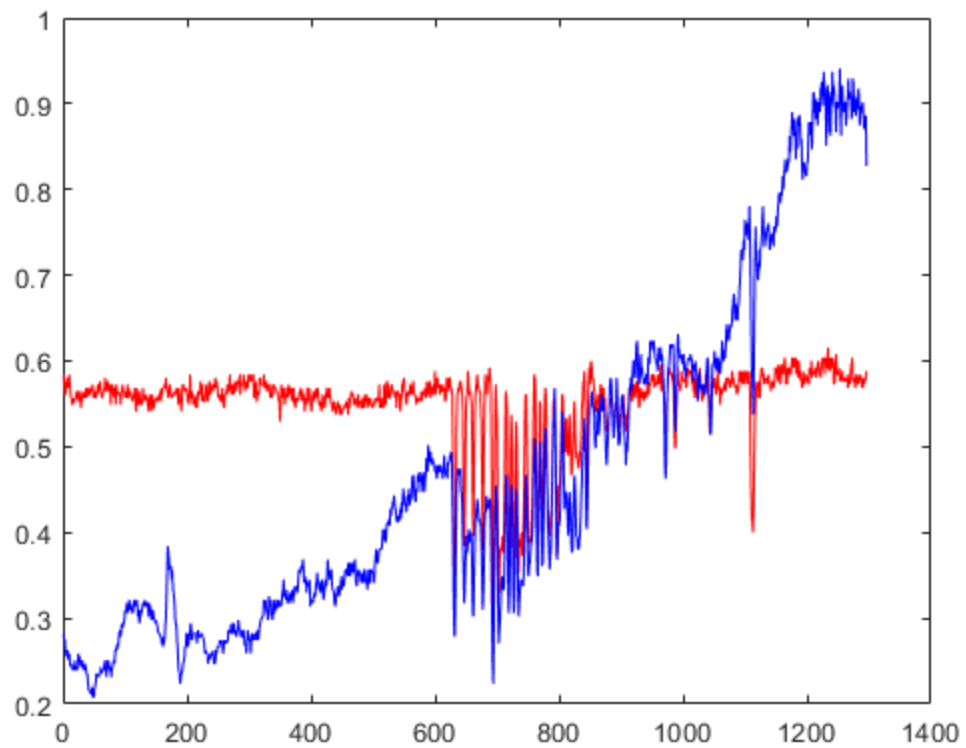
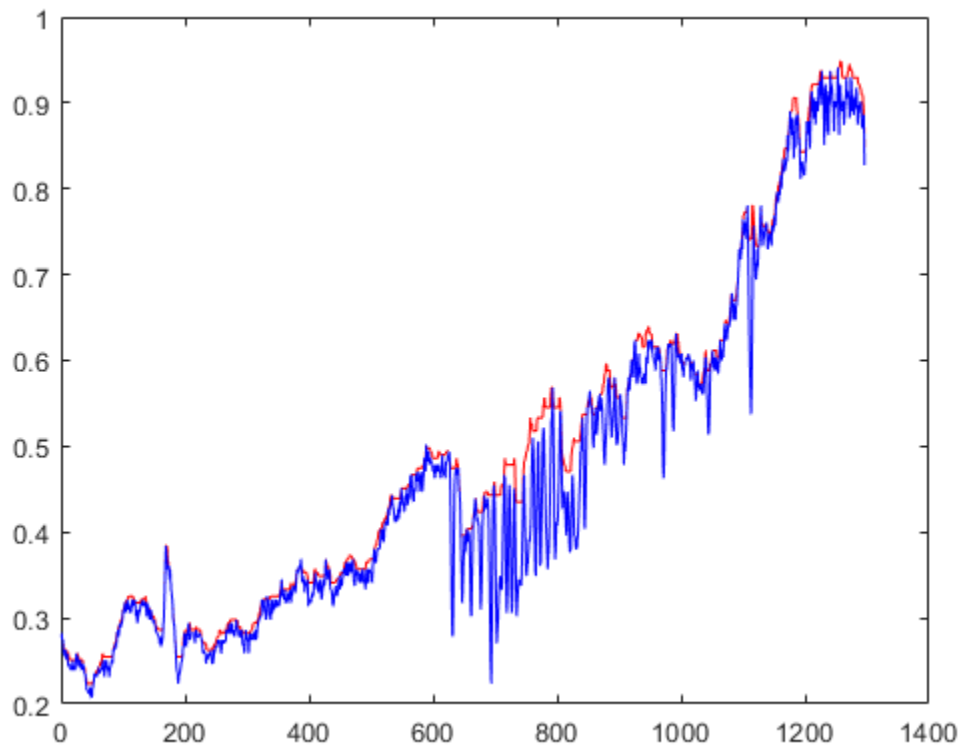
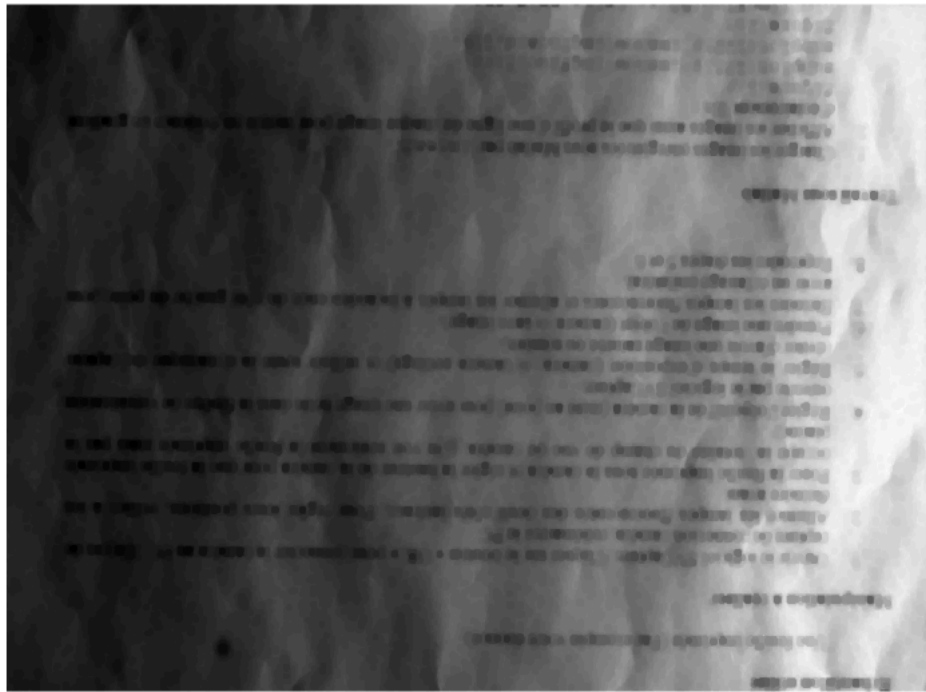

TP3

```
imgFluo=double(imread('0.png'))/255;
imgIncand=double(imread('1.png'))/255;
figure(1);
subplot(1,2,1);imshow(imgFluo,[]);
subplot(1,2,2);imshow(imgIncand,[]);
figure(2);
plot(imgFluo(50,:), 'r');hold on;
plot(imgIncand(50,:), 'b');
```





```
se=strel('disk',5);  
imgFond=imclose(imgIncand,se);  
figure(3);  
imshow(imgFond,[]);  
figure(4);  
plot(imgFond(50,:), 'r');hold on;  
plot(imgIncand(50,:), 'b');  
%Non,les caractères ne sont pas complètement supprimés.  
  
##: ##### 67% ##
```

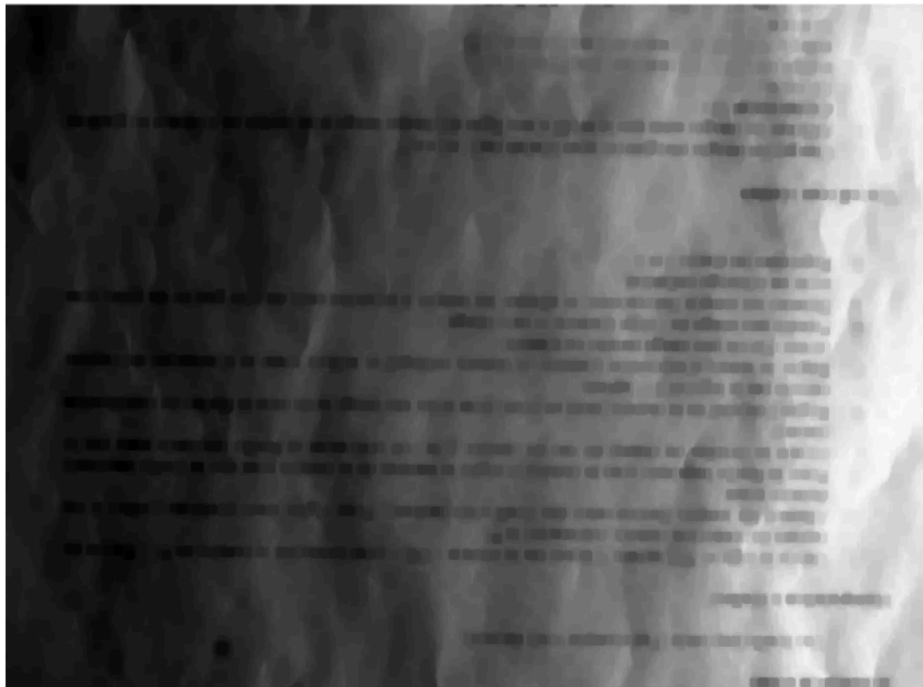


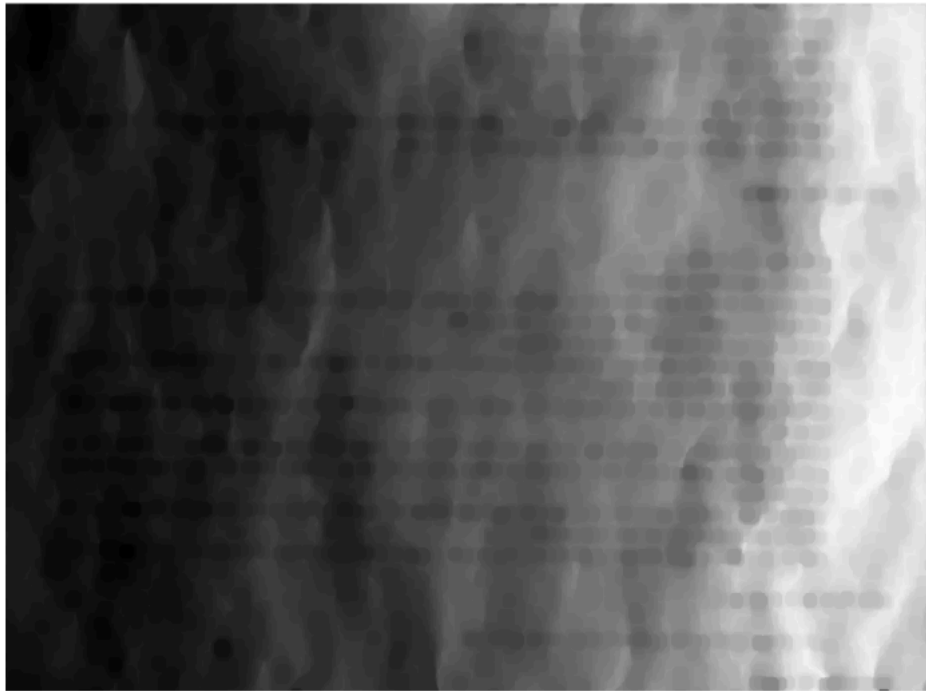
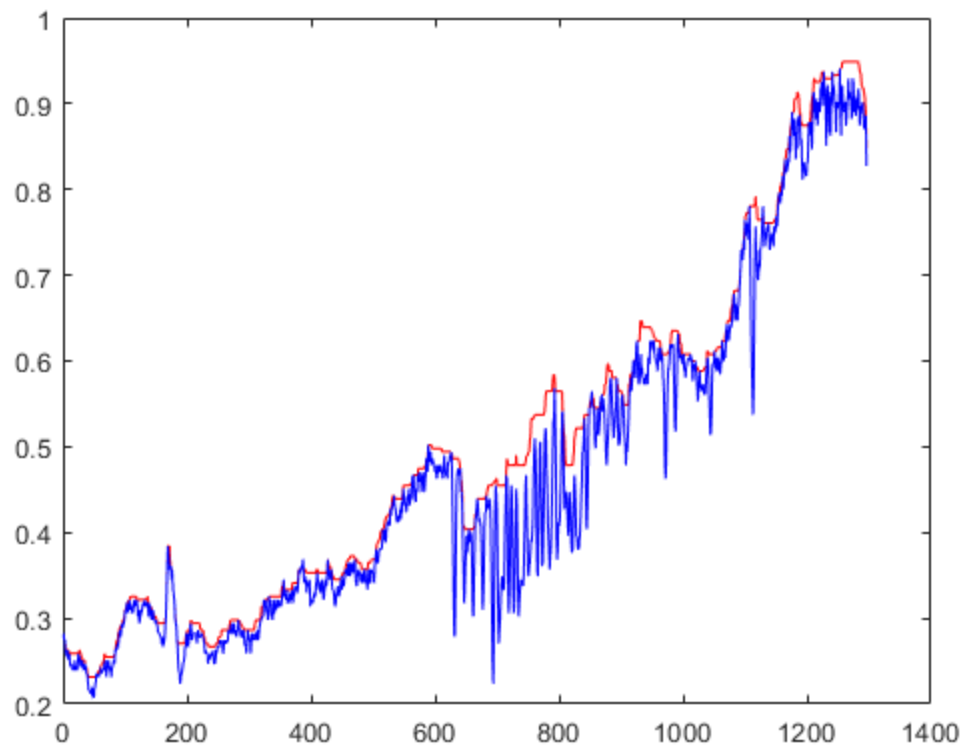
```
se1=strel('disk',7);
imgFond1=imclose(imgIncand,se1);
figure(5);
imshow(imgFond1,[]);
figure(6);
plot(imgFond1(50,:), 'r');hold on;
plot(imgIncand(50,:), 'b');

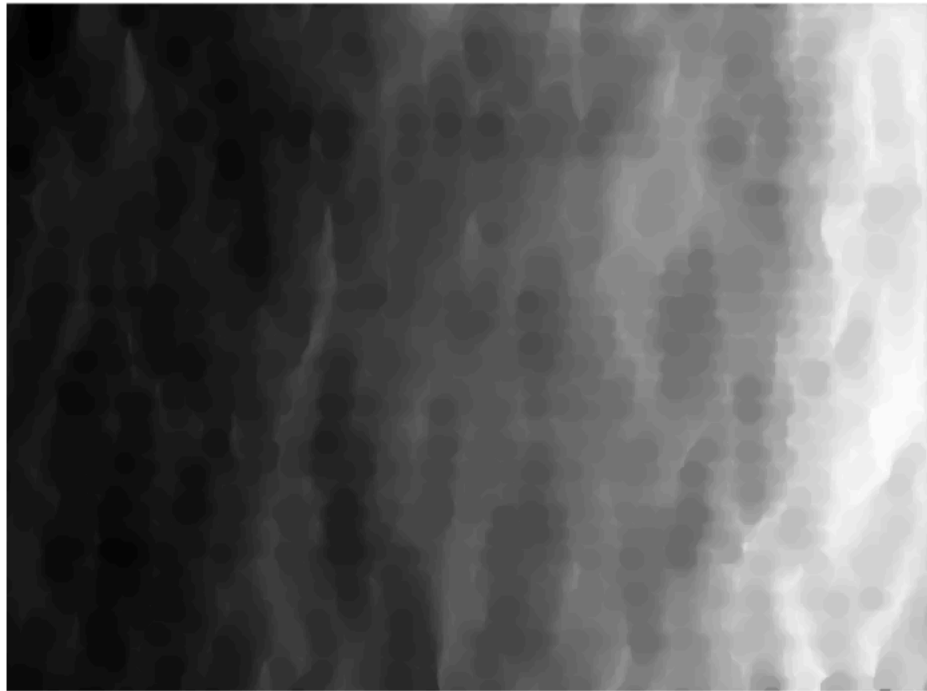
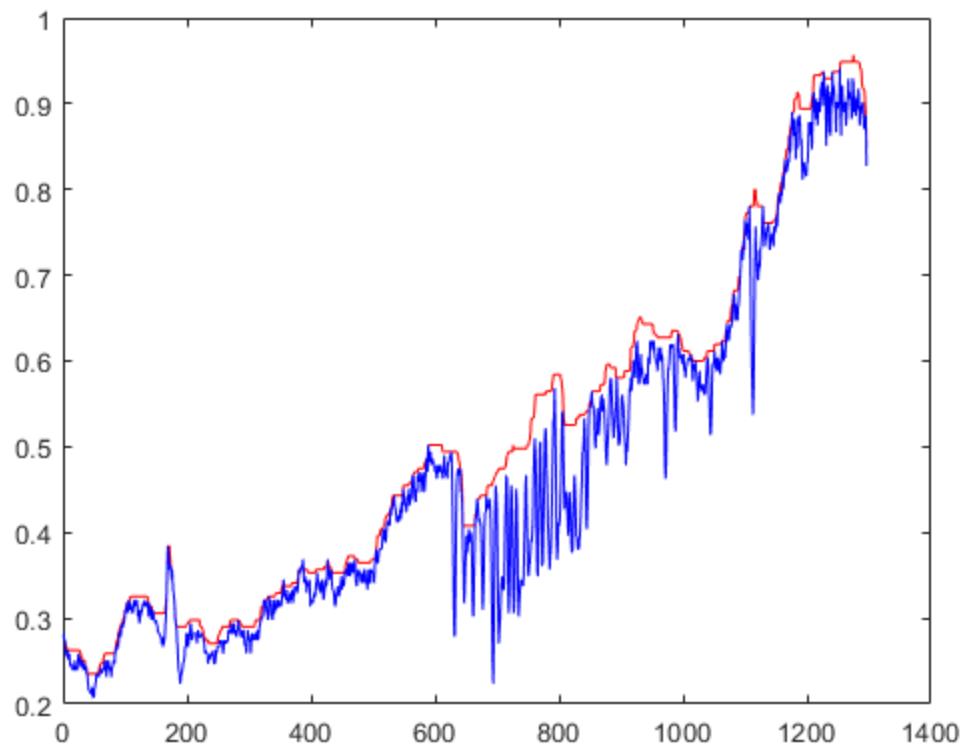
se2=strel('disk',10);
imgFond2=imclose(imgIncand,se2);
figure(7);
imshow(imgFond2,[]);
figure(8);
plot(imgFond2(50,:), 'r');hold on;
plot(imgIncand(50,:), 'b');

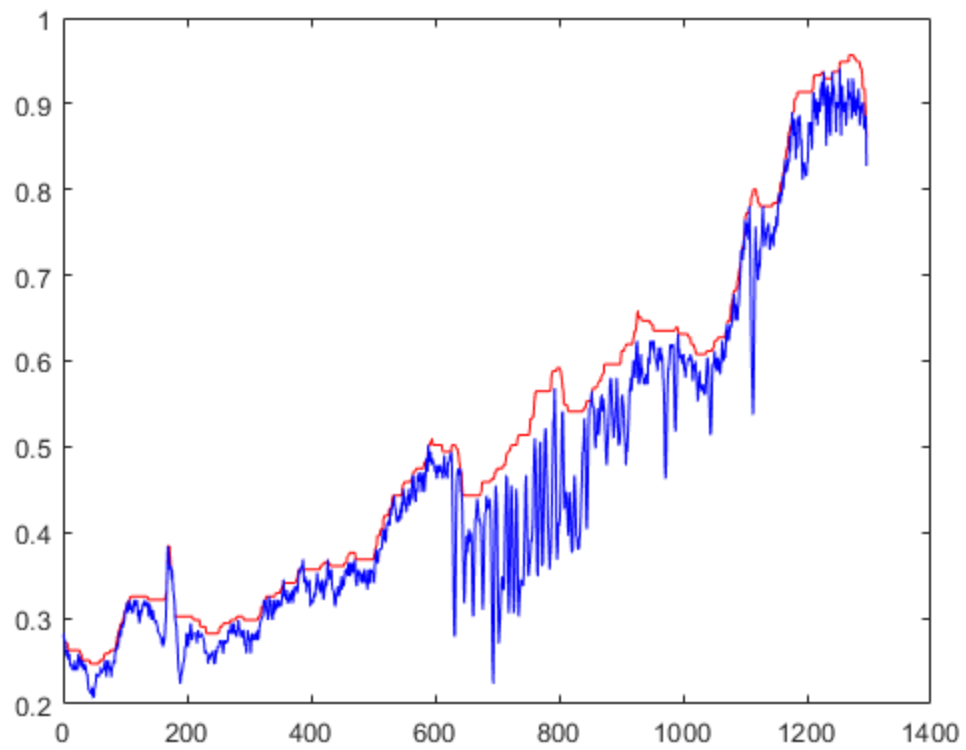
se3=strel('disk',15);
imgFond3=imclose(imgIncand,se3);
figure(9);
imshow(imgFond3,[]);
figure(10);
plot(imgFond3(50,:), 'r');hold on;
plot(imgIncand(50,:), 'b');

##: ##### 67% ##
##: ##### 67% ##
##: ##### 67% ##
```

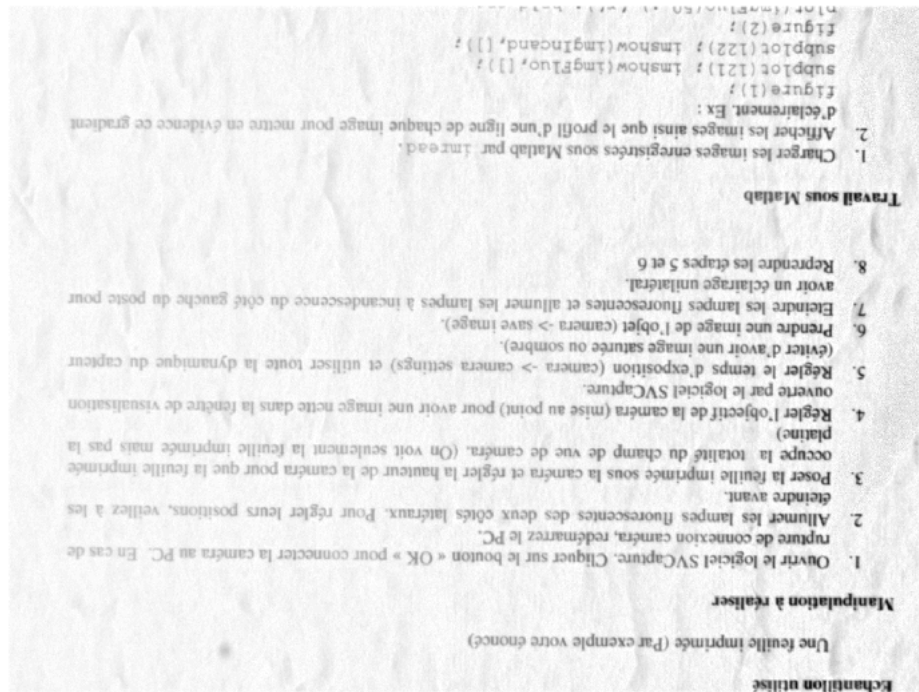








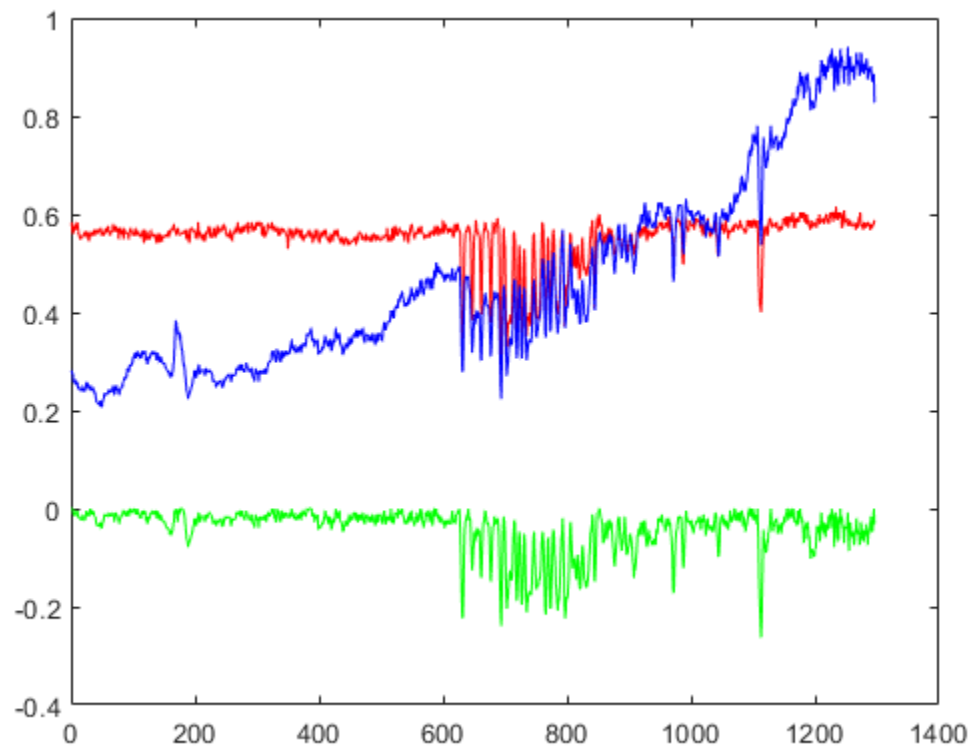
```
imgCor=imgIncand-imgFond3;  
figure(11);  
imshow(imgCor,[]);  
  
##: ##### 67% ##
```



```

figure(12);
subplot(1,3,1);imshow(imgFluo,[]);
subplot(1,3,2);imshow(imgIncand,[]);
subplot(1,3,3);imshow(imgCor,[]);
figure(13);
plot(imgFluo(50,:), 'r');hold on;
plot(imgIncand(50,:), 'b');
plot(imgCor(50,:), 'g');

```

```
%Après le traitement, le résultat est meilleur.Le fond est  
fondamentalement  
%enlevé.Mais il y a encore des différences entre la lumière et  
l'obscurité.
```

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