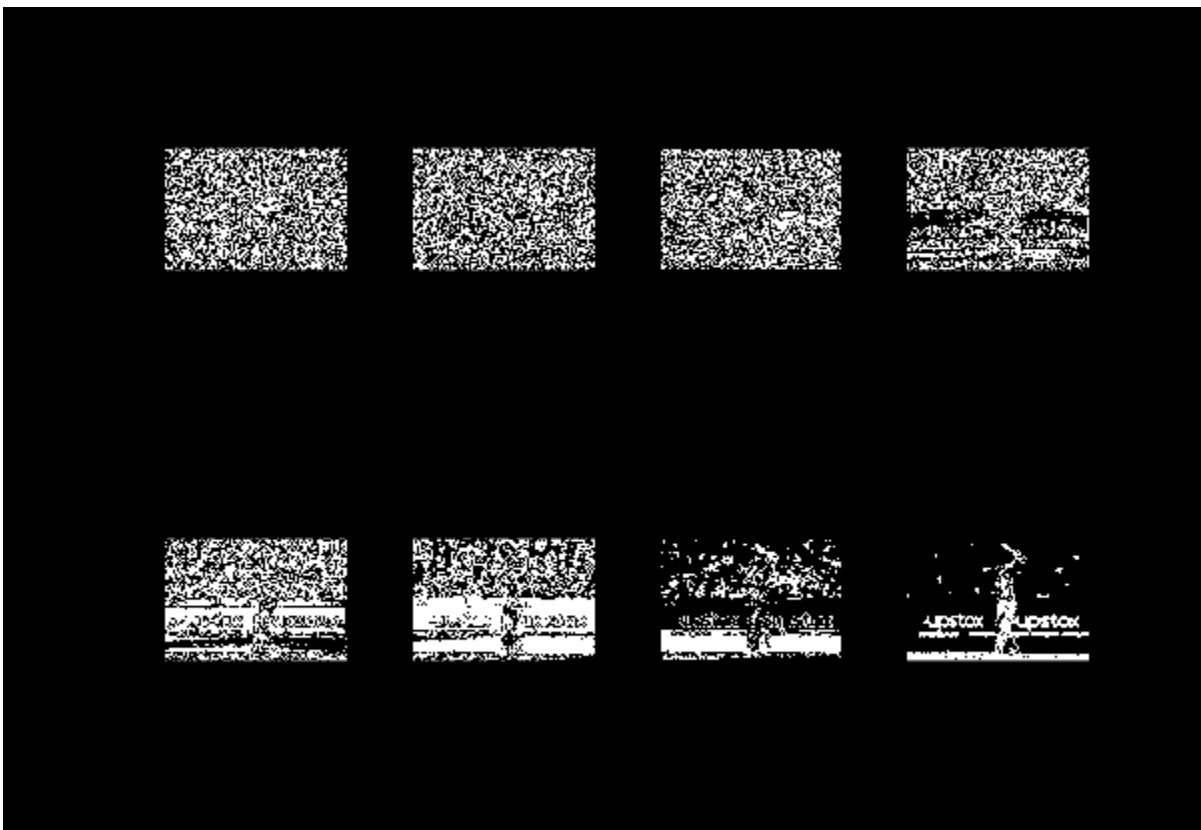


---

```
clc;
clear all;
close all;
I = imread('VK.jpg');
if size(I,3)==3
I=rgb2gray(I);
end
[rows, cols]=size(I);
figure;
imshow(I);
bit_planes=zeros(rows, cols, 8);
for k=1:8 % For each bit
power=2^(k-1);
for i=1:rows
for j=1:cols %for each element
bit_planes(i,j,k)=mod(floor(double(I(i,j))/power), 2);
end
end
end
figure;
for k = 1:8
subplot(2,4,k)
imshow(bit_planes(:,:,k),[])
end
```





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