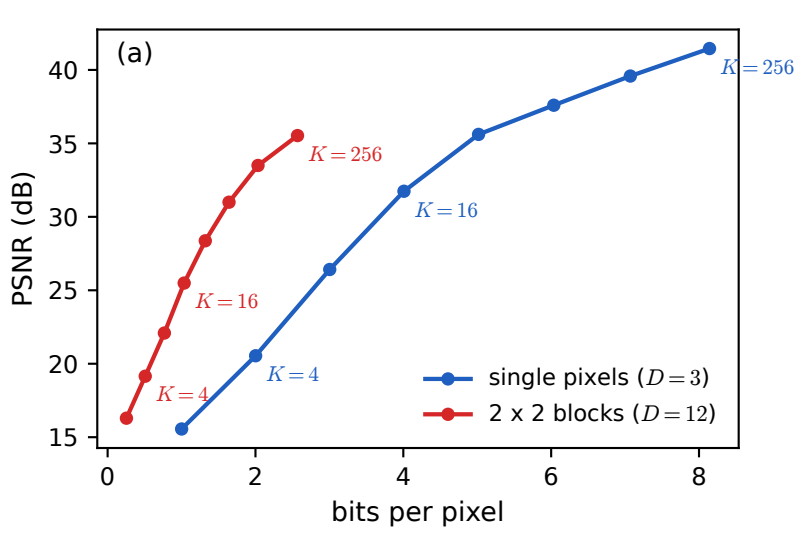
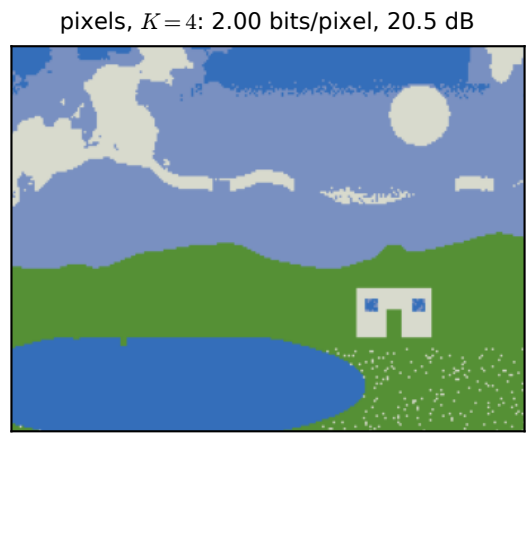
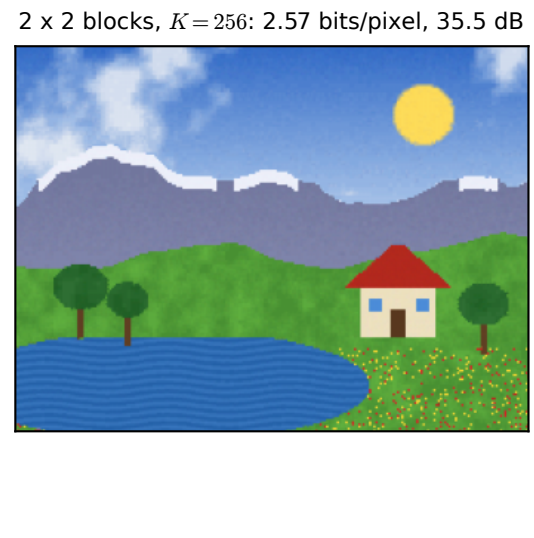

(a)
PSNR (dB)
bits per pixel
40
35
30
25
20
15
0
2
4
6
8
$K=256$
$K=16$
$K=4$
$K=256$
$K=16$
$K=4$
single pixels ($D=3$)
2 x 2 blocks ($D=12$)


pixels, $K=4$: 2.00 bits/pixel, 20.5 dB


2 x 2 blocks, $K=256$: 2.57 bits/pixel, 35.5 dB