

Synthetic image 1

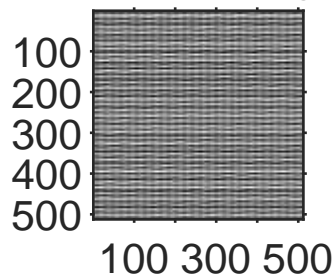
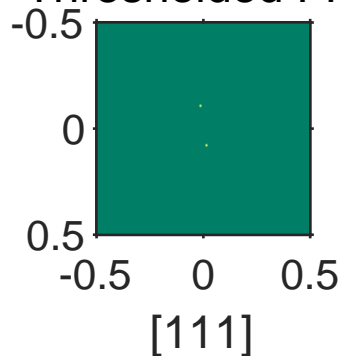


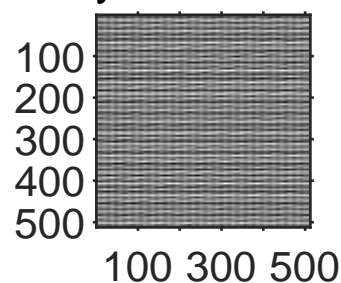
Table 1: Synthetic Image 1

| $\phi_{jx}/(2\pi i)$ | $\phi_{jy}/(2\pi i)$ | α_j |
|----------------------|----------------------|------------|
| 0 | 0 | 0.371 |
| 0.074 | 0 | 0.117 |
| -0.074 | 0 | 0.117 |
| -0.178 | 0 | 0.033 |
| 0.178 | 0 | 0.033 |
| 0.111 | 0.016 | 0.029 |
| -0.111 | -0.016 | 0.029 |
| -0.078 | -0.014 | 0.028 |
| 0.078 | 0.014 | 0.028 |
| 0 | -0.052 | 0.026 |
| 0 | 0.052 | 0.026 |

Thresholded FFT

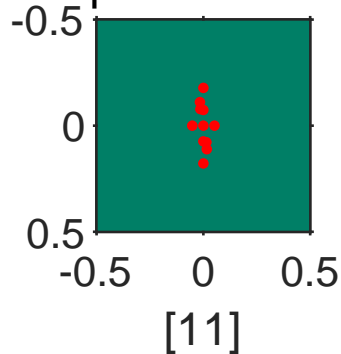


Recovery: thresholded FFT

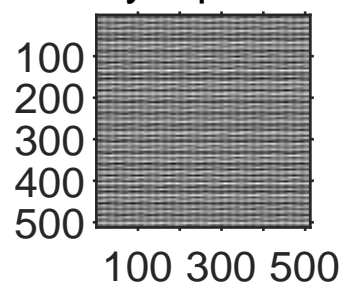


RMSE = 0.0169

Sparse model

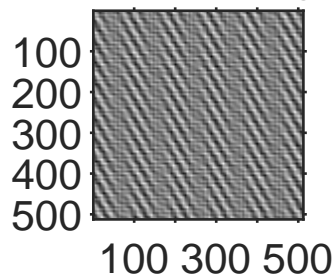


Recovery: sparse model

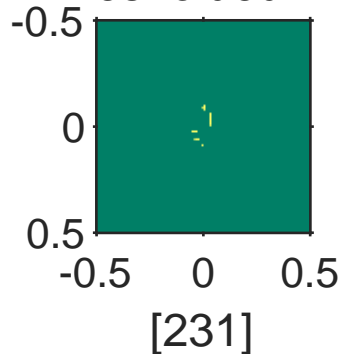


RMSE = 0.0012

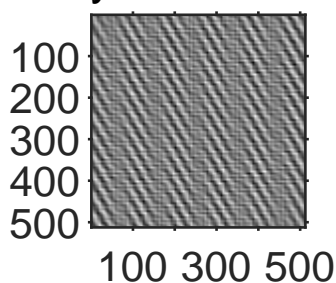
Synthetic image 2



Thresholded FFT

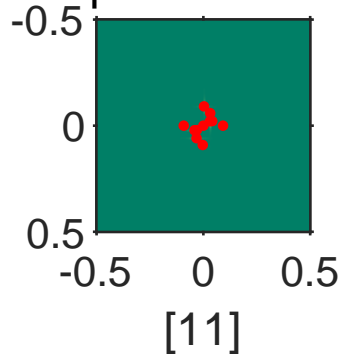


Recovery: thresholded FFT

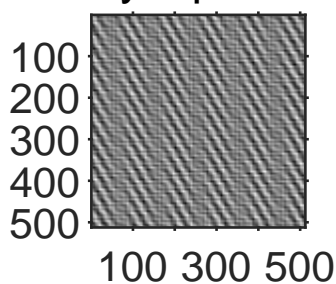


RMSE = 0.0258

Sparse model



Recovery: sparse model



RMSE = 0.0015

Table 2: Synthetic Image 2

| $\phi_{jx}/(2\pi i)$ | $\phi_{jy}/(2\pi i)$ | α_j |
|----------------------|----------------------|------------|
| 0 | 0 | 0.493 |
| 0.021 | -0.031 | 0.446 |
| -0.021 | 0.031 | 0.446 |
| -0.0215 | 0.0415 | 0.428 |
| 0.0215 | -0.0415 | 0.428 |
| -0.091 | 0.003 | 0.31 |
| 0.091 | -0.003 | 0.31 |
| -0.059 | 0.032 | 0.219 |
| 0.059 | -0.032 | 0.219 |
| 0 | 0.092 | 0.186 |
| 0 | -0.092 | 0.186 |

Synthetic image 3

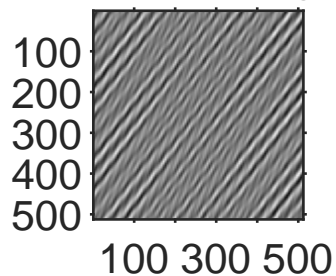
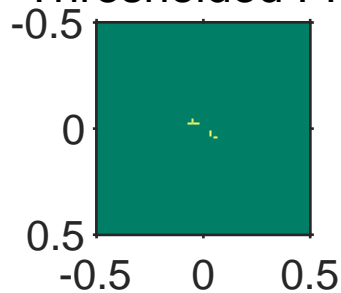


Table 3: Synthetic Image 3

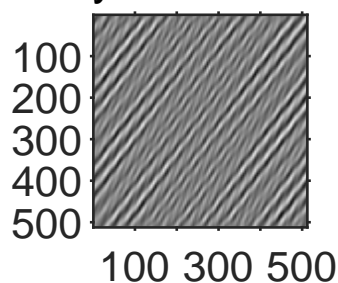
| $\phi_{jx}/(2\pi i)$ | $\phi_{jy}/(2\pi i)$ | α_j |
|----------------------|----------------------|------------|
| 0 | 0 | 0.348 |
| -0.029 | -0.037 | 0.071 |
| 0.029 | 0.037 | 0.071 |
| -0.024 | -0.031 | 0.064 |
| 0.024 | 0.031 | 0.064 |
| 0.024 | 0.029 | 0.05 |
| -0.024 | -0.029 | 0.05 |
| 0.024 | 0.065 | 0.048 |
| -0.024 | -0.065 | 0.048 |
| -0.04 | -0.054 | 0.048 |
| 0.04 | 0.054 | 0.048 |

Thresholded FFT



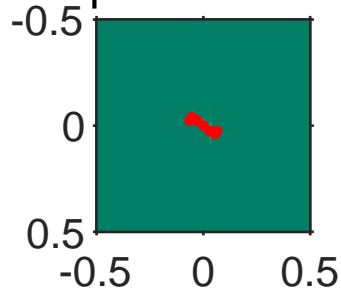
[279]

Recovery: thresholded FFT



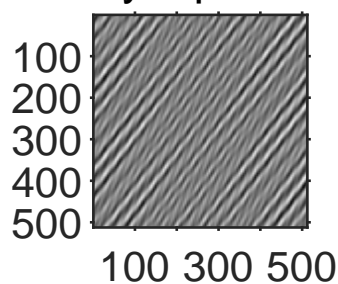
RMSE = 0.0285

Sparse model



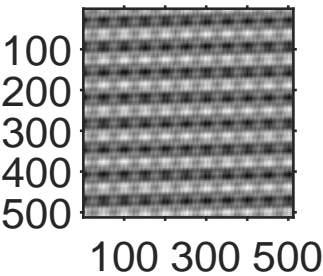
[11]

Recovery: sparse model

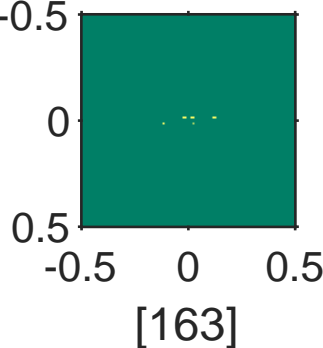


RMSE = 0.0011

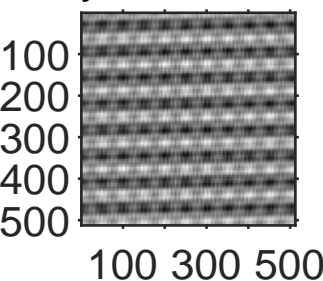
Synthetic image 4



Thresholded FFT

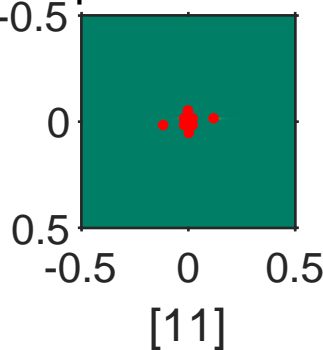


Recovery: thresholded FFT

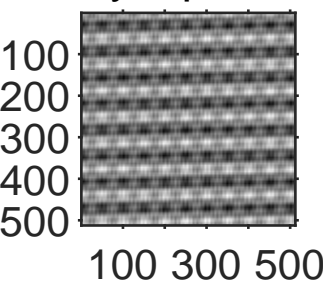


RMSE = 0.0215

Sparse model



Recovery: sparse model

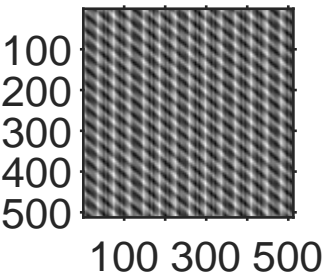


RMSE = 0.0011

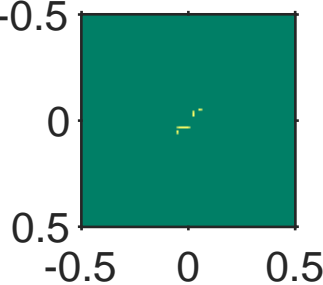
Table 4: Synthetic Image 4

| $\phi_{jx}/(2\pi i)$ | $\phi_{jy}/(2\pi i)$ | α_j |
|----------------------|----------------------|------------|
| 0 | 0 | 0.803 |
| -0.016 | 0 | 0.717 |
| 0.016 | 0 | 0.717 |
| -0.053 | -0.002 | 0.272 |
| 0.053 | 0.002 | 0.272 |
| -0.016 | -0.02 | 0.243 |
| 0.016 | 0.02 | 0.243 |
| 0.016 | -0.02 | 0.24 |
| -0.016 | 0.02 | 0.24 |
| -0.016 | 0.118 | 0.223 |
| 0.016 | -0.118 | 0.223 |

Synthetic image 5

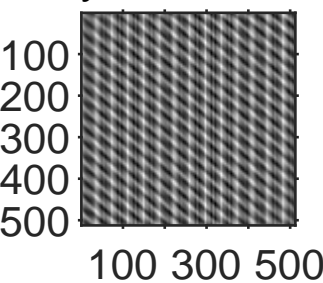


Thresholded FFT



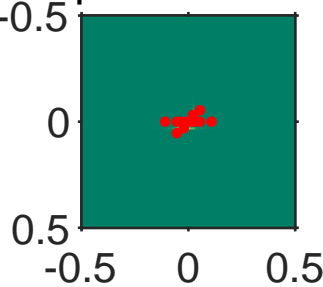
[279]

Recovery: thresholded FFT



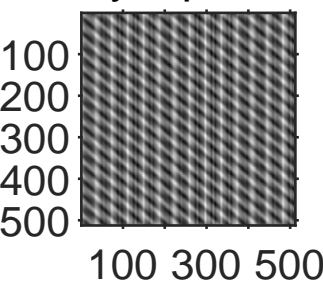
RMSE = 0.0235

Sparse model



[11]

Recovery: sparse model

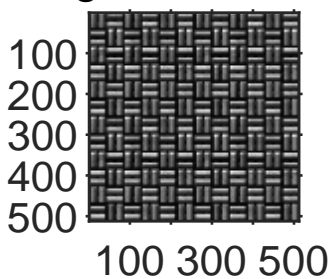


RMSE = 0.0011

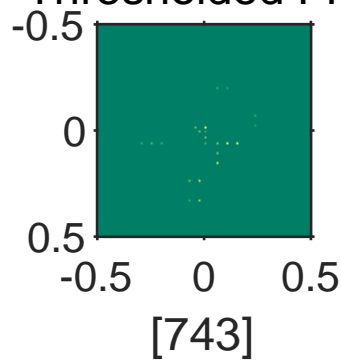
Table 5: Synthetic Image 5

| $\phi_{jx}/(2\pi i)$ | $\phi_{jy}/(2\pi i)$ | α_j |
|----------------------|----------------------|------------|
| 0 | 0 | 0.573 |
| -0.031 | 0.021 | 0.305 |
| 0.031 | -0.021 | 0.305 |
| 0 | -0.027 | 0.247 |
| 0 | 0.027 | 0.247 |
| 0 | 0.054 | 0.125 |
| 0 | -0.054 | 0.125 |
| 0.054 | -0.054 | 0.105 |
| -0.054 | 0.054 | 0.105 |
| 0 | -0.108 | 0.103 |
| 0 | 0.108 | 0.103 |

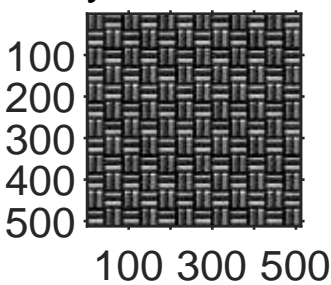
Image: woven0001



Thresholded FFT

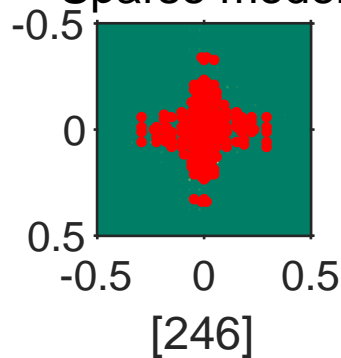


Recovery: thresholded FFT

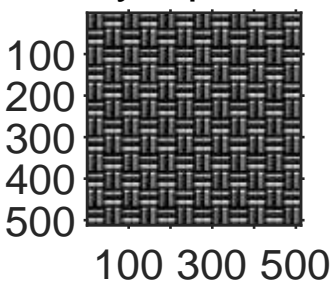


RMSE = 0.0254

Sparse model

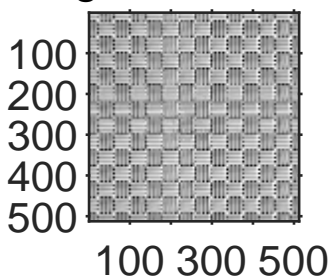


Recovery: sparse model

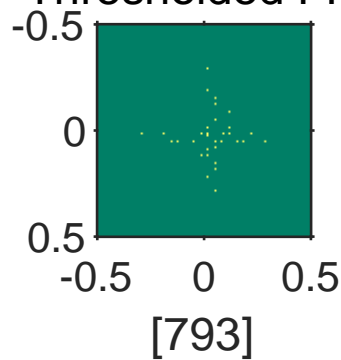


RMSE = 0.0655

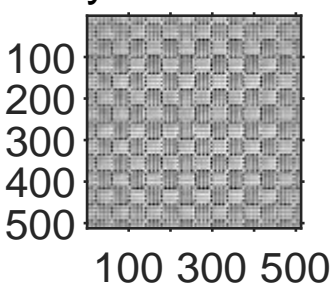
Image: woven0003



Thresholded FFT

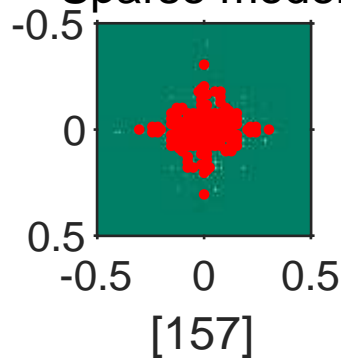


Recovery: thresholded FFT

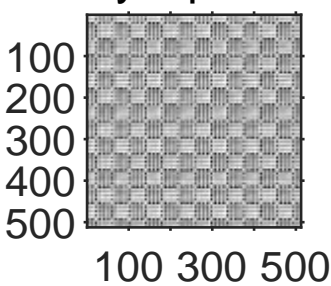


RMSE = 0.0756

Sparse model

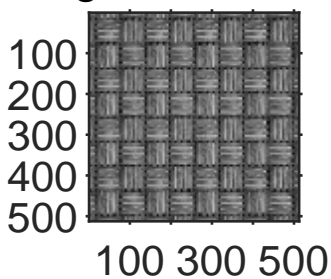


Recovery: sparse model

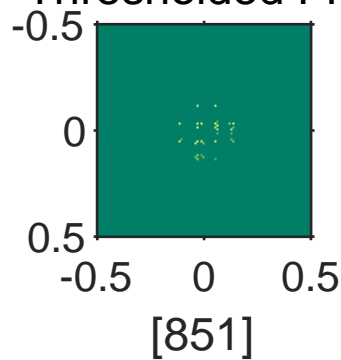


RMSE = 0.0924

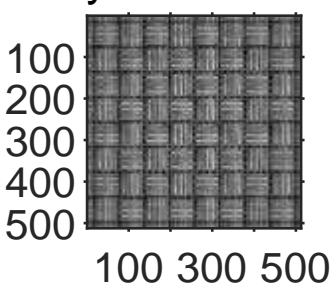
Image: woven0028



Thresholded FFT

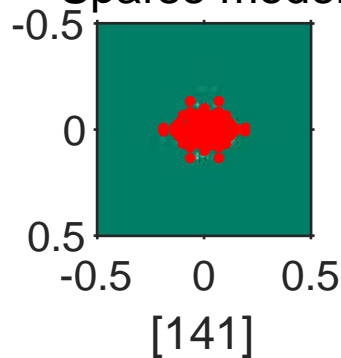


Recovery: thresholded FFT

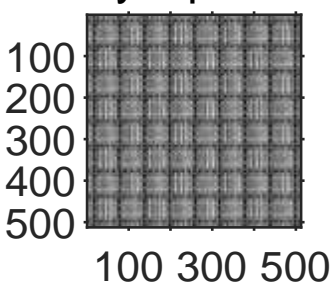


RMSE = 0.0513

Sparse model

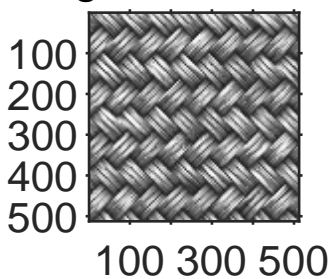


Recovery: sparse model

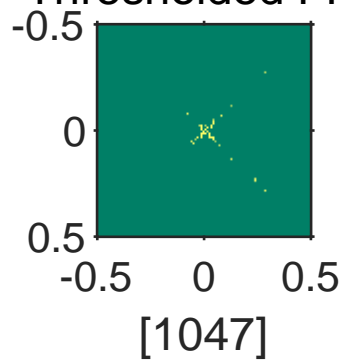


RMSE = 0.0982

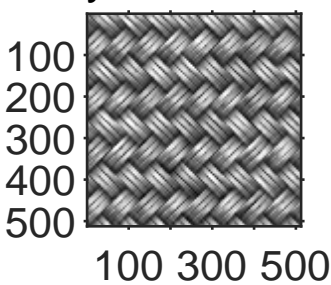
Image: woven0038



Thresholded FFT

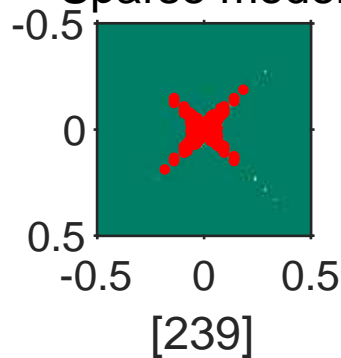


Recovery: thresholded FFT

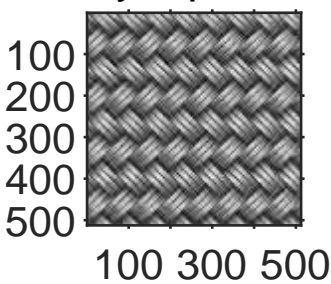


RMSE = 0.0685

Sparse model

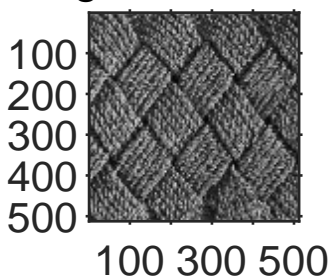


Recovery: sparse model

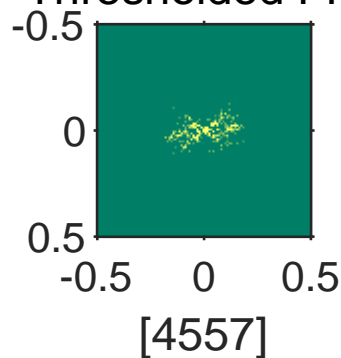


RMSE = 0.1102

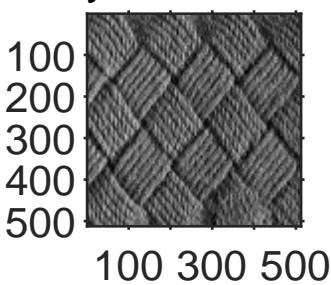
Image: woven0064



Thresholded FFT

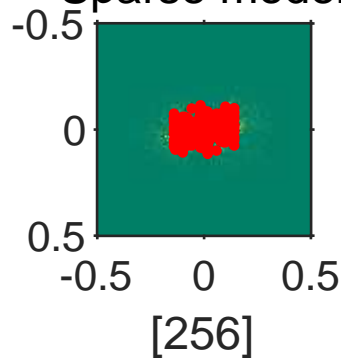


Recovery: thresholded FFT

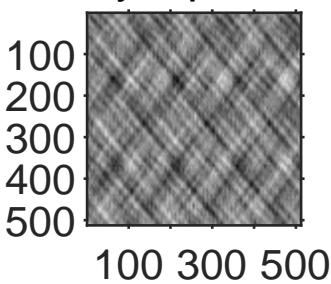


RMSE = 0.1100

Sparse model



Recovery: sparse model



RMSE = 0.2413