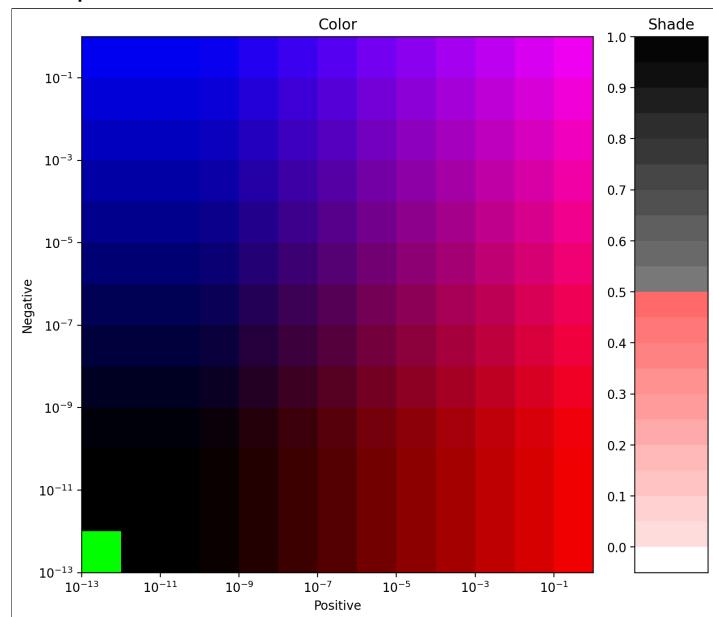


**Color palette**



**ex27.mtx**  
**General data**  
974 x 974, nnz = 40782 ( 4.2988%)  
pos range = ( 3.0093e-35, 1.5627e-01)  
neg range = (-7.0637e-02, -3.2967e-35)  
bandwidth = ( 136, 136)  
symmetry = 0.0000% / 100.0000% ( 49.1258%) / 0.0000%  
size as CSR = 481.7188 Kb  
size as Dense = 7.2378 Mb

**Blocks (Figure 8)**  
Min lower bound at 2 x 1  
with > 6.9981e+03 misses  
1 x 1: 7.3642e+03 (+ 5.2318%)  
2 x 1: 6.9981e+03 (+ 0.0000%)  
4 x 1: 7.5021e+03 (+ 7.2029%)  
8 x 1: 9.0391e+03 (+ 29.1661%)

#### Shade data (Figure 2)

max px fill =  
16/ 9- 16 (100.0000%)

**Singular values (Figure 5)**  
s range = ( 2.5276e-07, 2.5978e-01)  
k(p=2) = 1.0277e+06

#### Spectrum (Figure 6)

real range = (-4.1864e-02, 2.5978e-01)  
imag range = (-3.8487e-06, 3.8487e-06)  
abs range = ( 2.5308e-07, 2.5978e-01)  
real l = 970 ( 99.5893%)  
max mult = 1

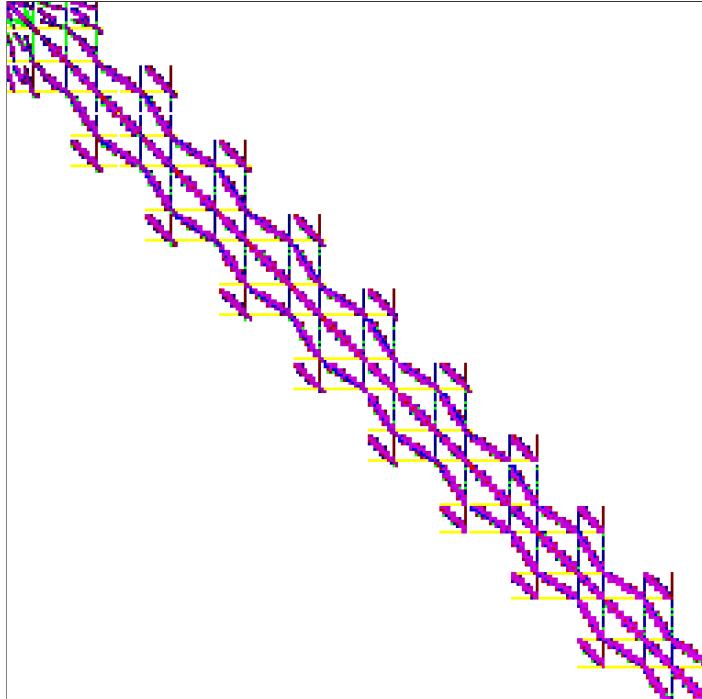


Figure 1. Color image

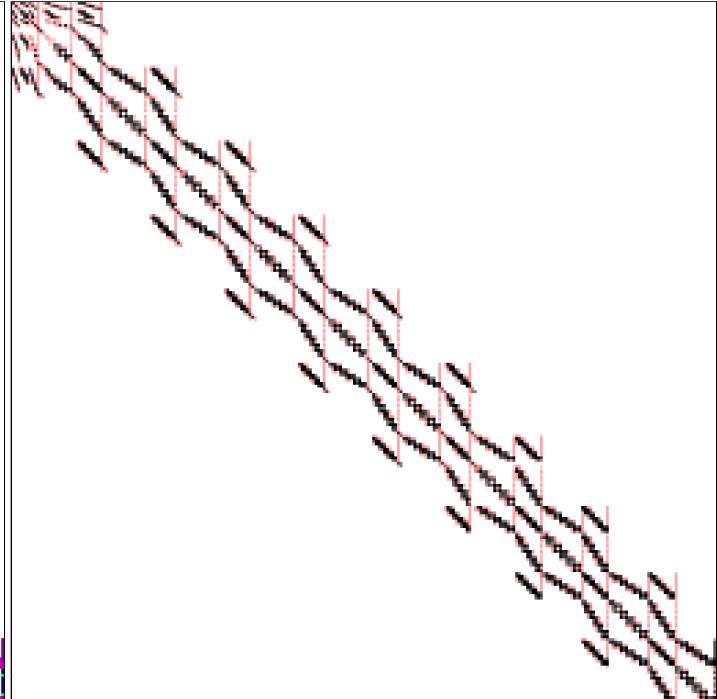


Figure 2. Shade image

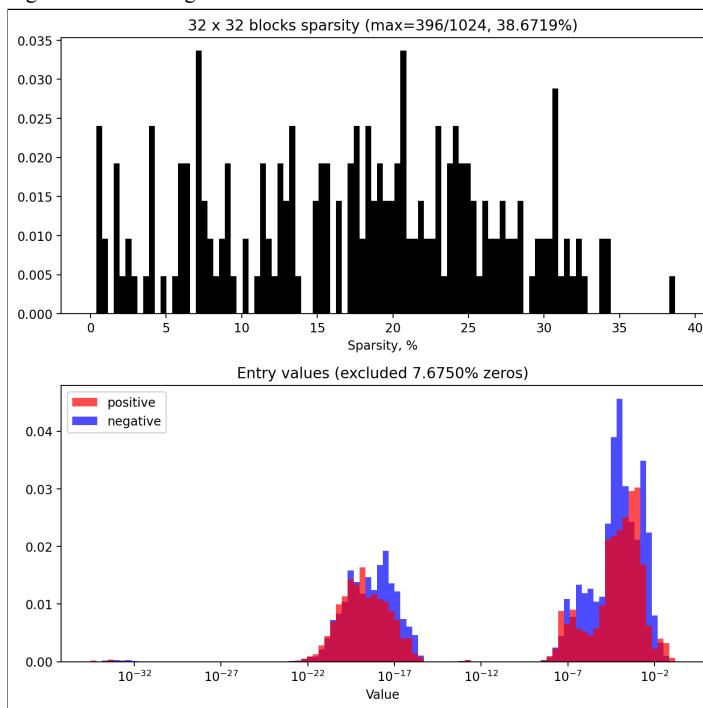


Figure 3. Histograms (blocks and entries)

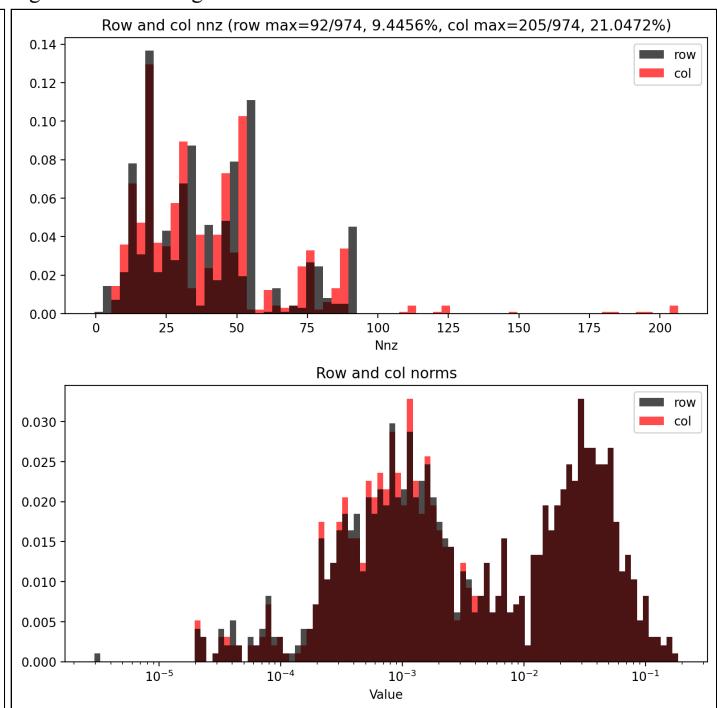


Figure 4. Histograms (row and col stats)

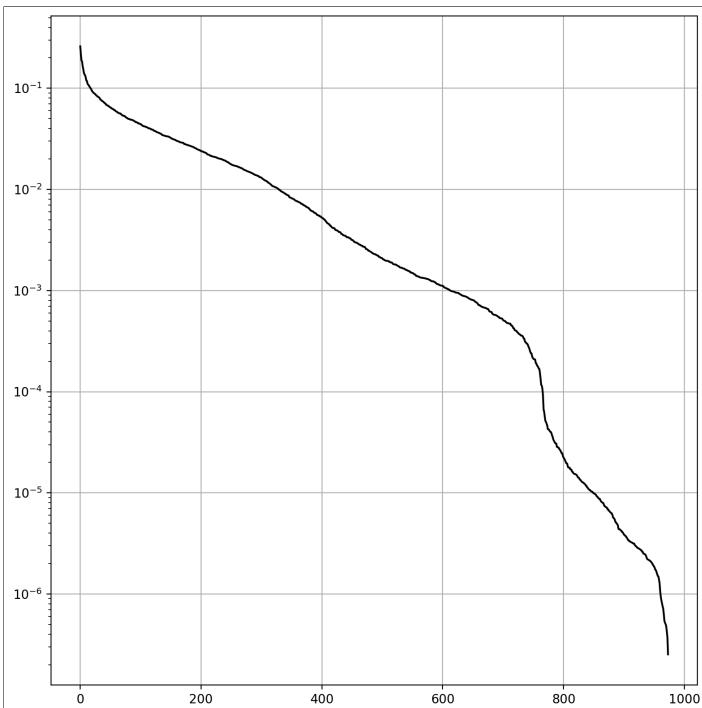


Figure 5. Singular values

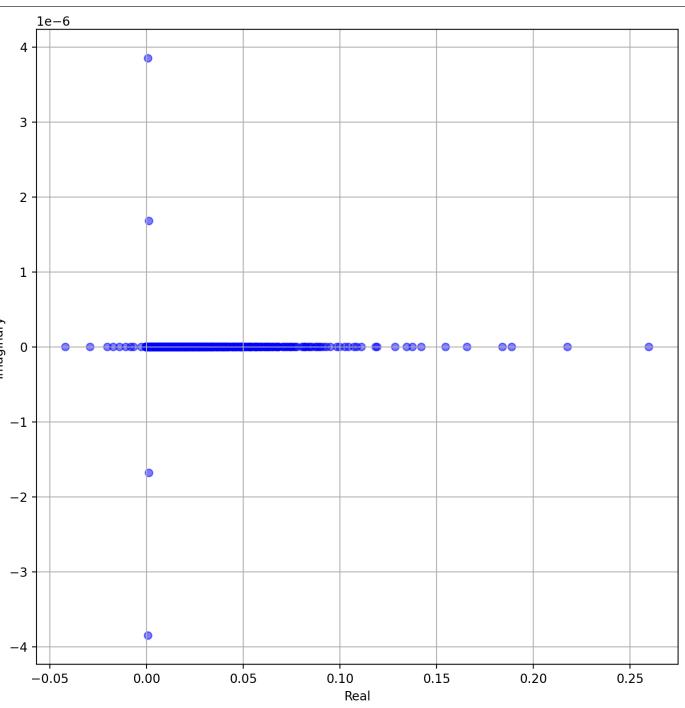


Figure 6. Spectrum

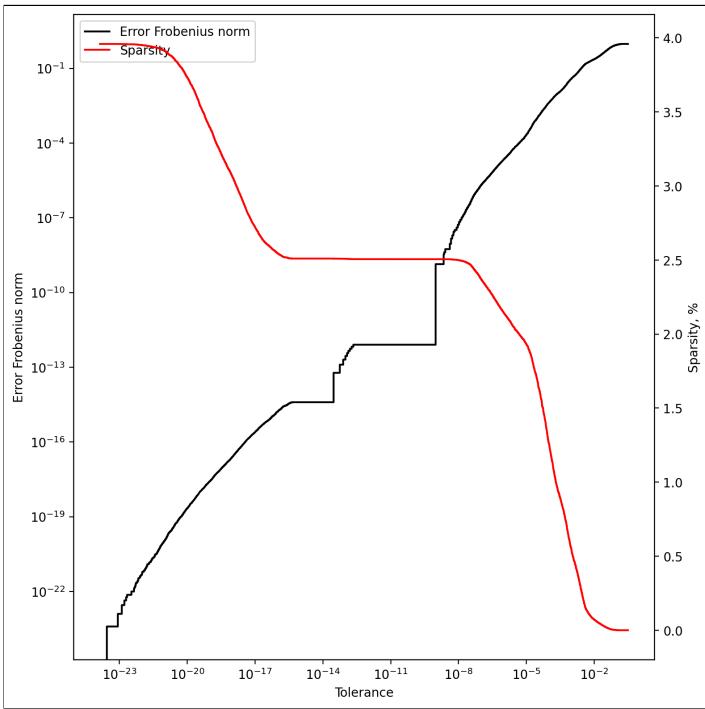


Figure 7. Sparsify

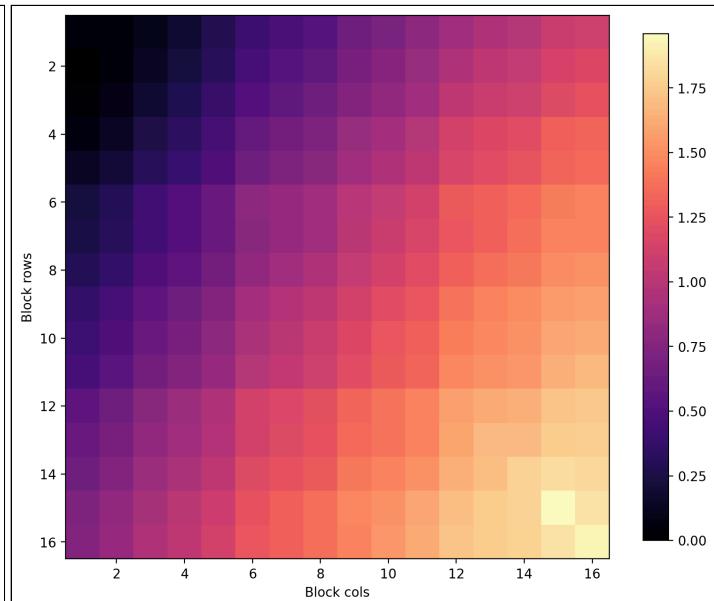


Figure 8. Blocks

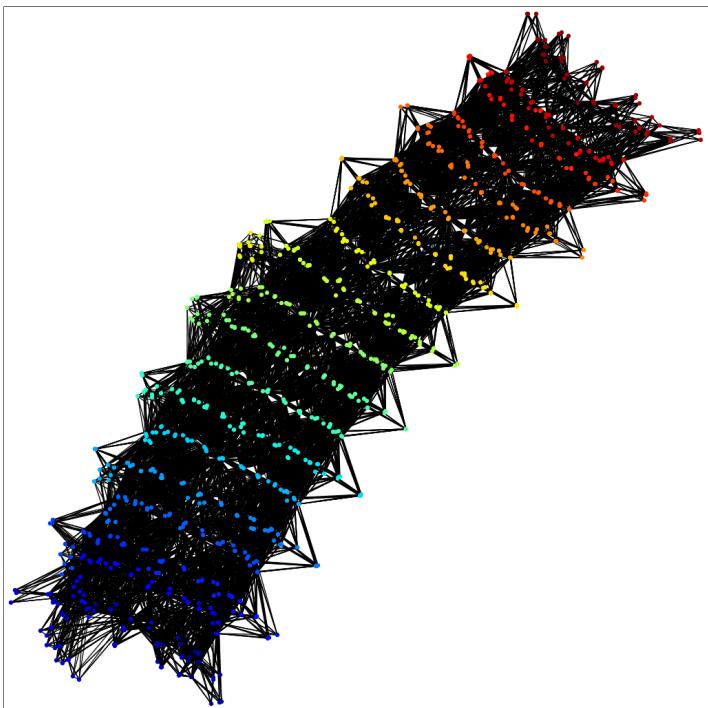


Figure 9. Graph