

# 1 Ground Truth Images

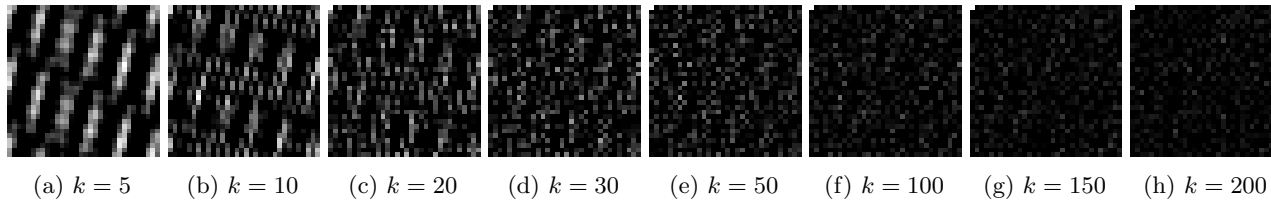
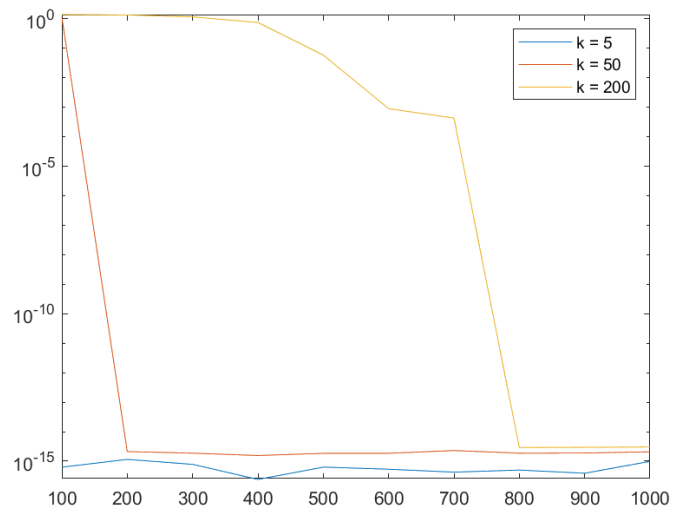
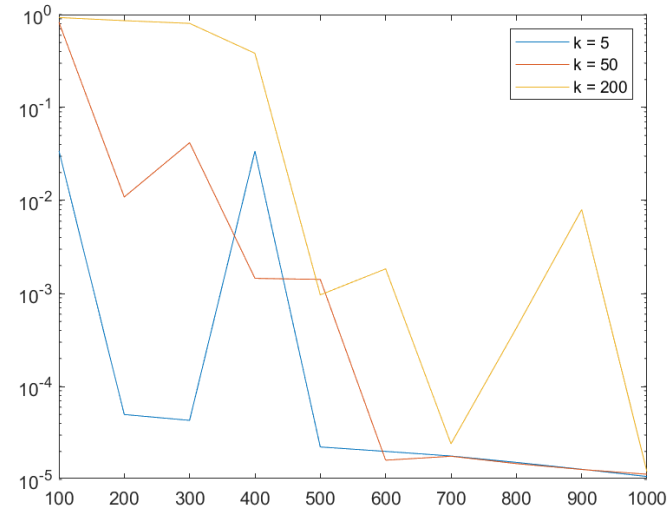


Figure 1: Original images

## 2 Task 1



(a) OMP



(b) IHT

Figure 2: Comparison of OMP and IHT plots for variation with  $m$  for a fixed  $k$

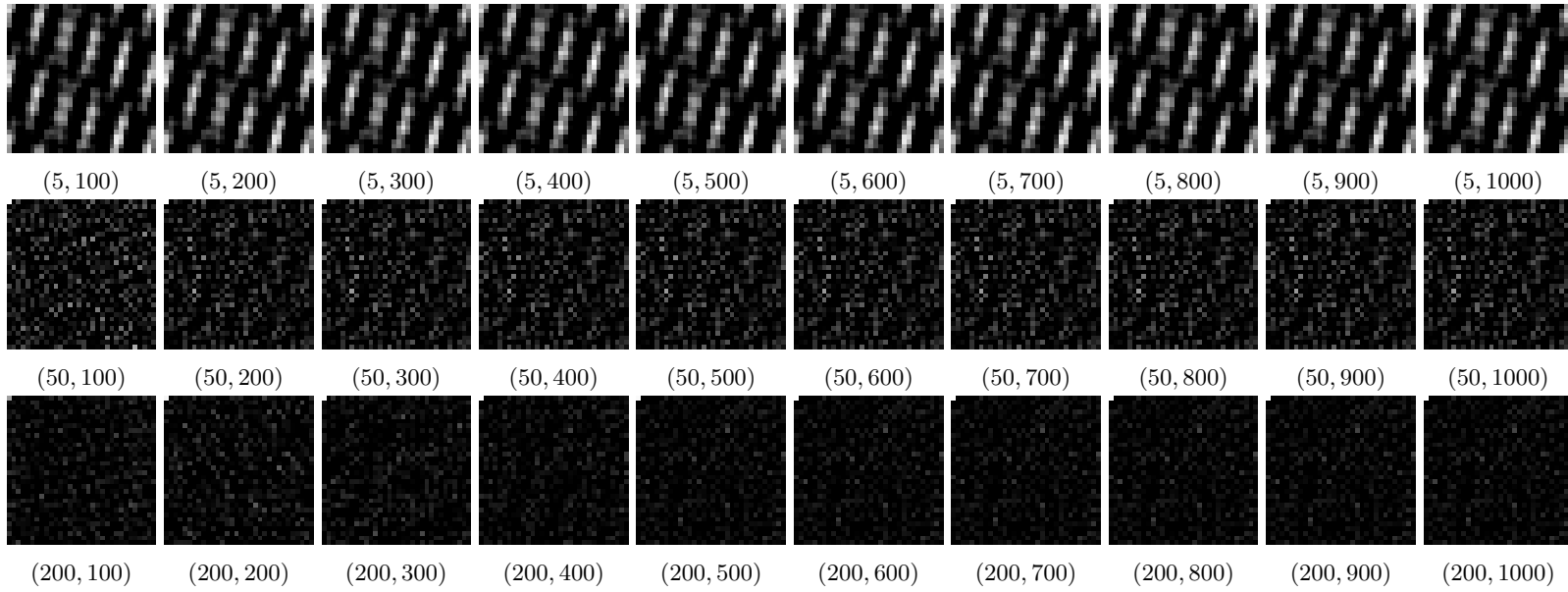


Figure 3: Each OMP image line is variation with  $m$  for a fixed  $k$ , caption format  $(k, m)$

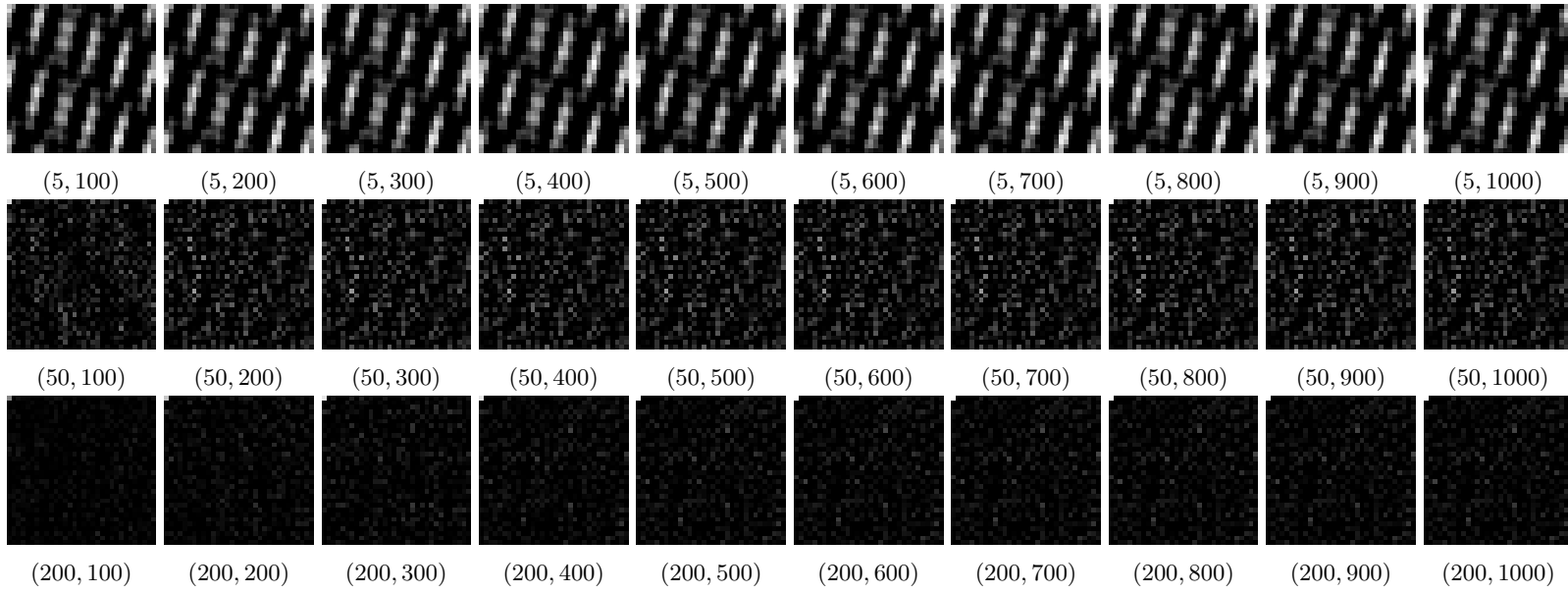
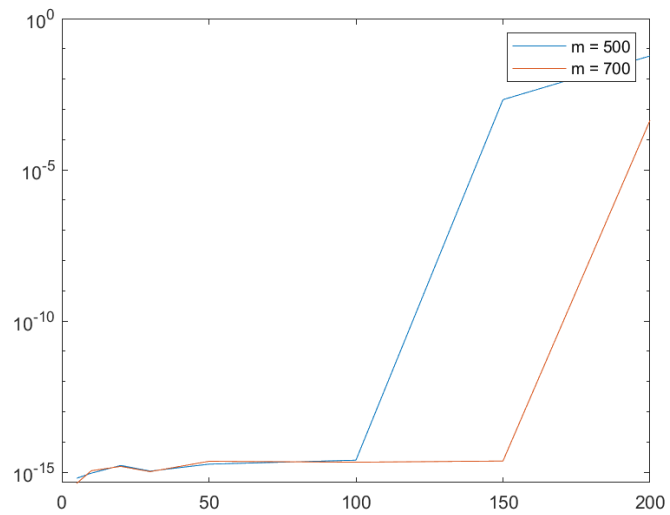
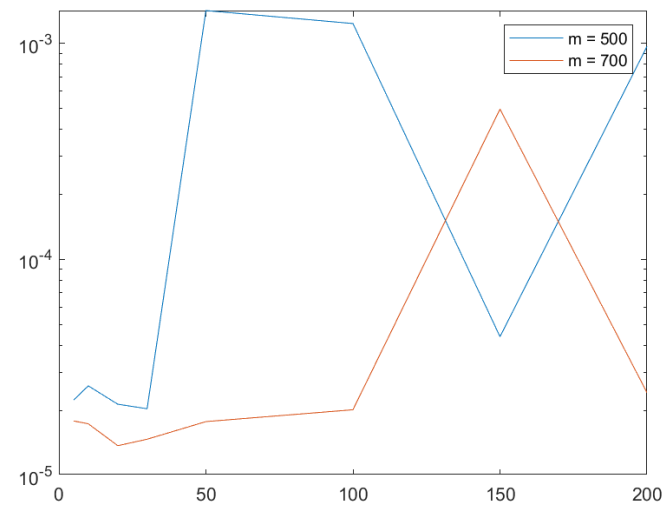


Figure 4: Each IHT image line is variation with  $m$  for a fixed  $k$ , caption format  $(k, m)$

### 3 Task 2



(a) OMP



(b) IHT

Figure 5: Comparison of OMP and IHT plots for variation with  $k$  for a fixed  $m$

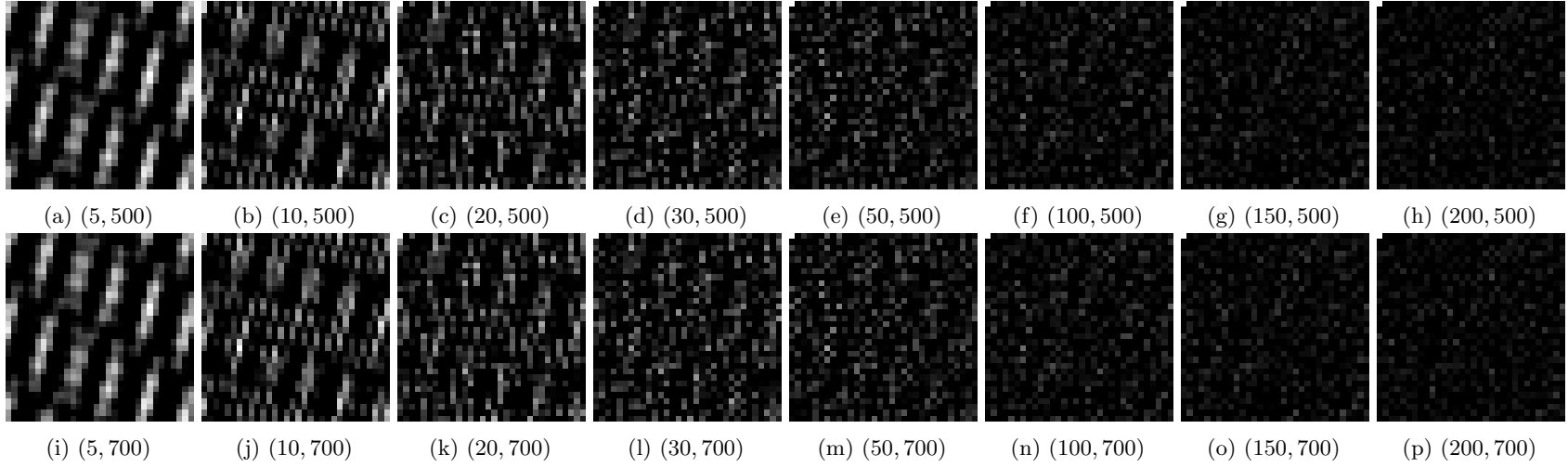


Figure 6: Each OMP image line is variation with  $k$  for a fixed  $m$ , caption format  $(k, m)$

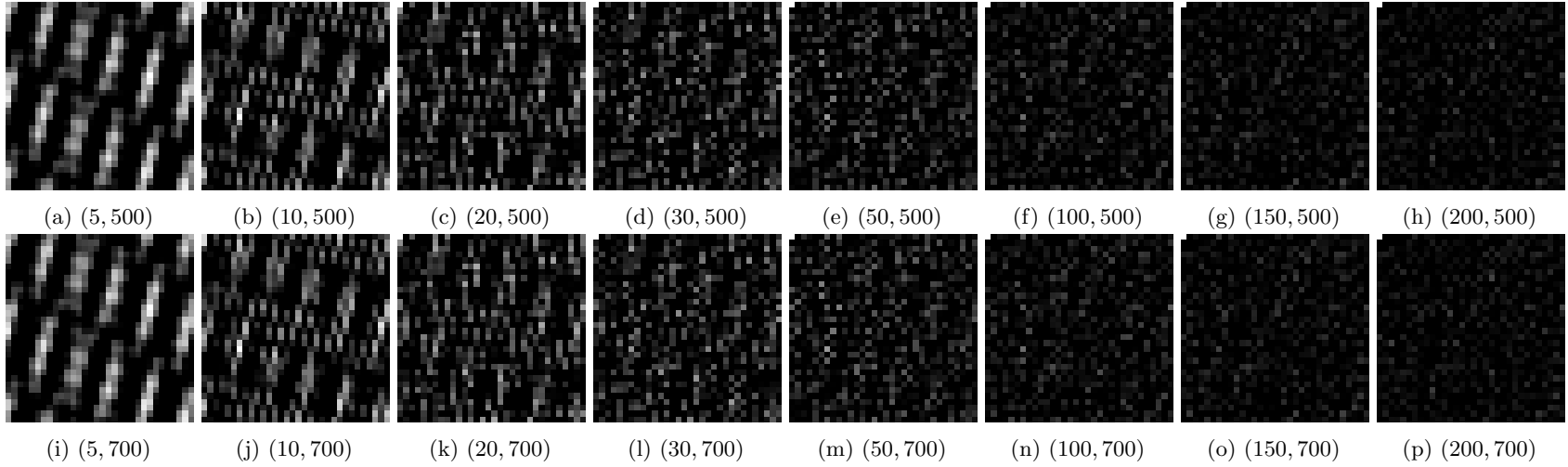


Figure 7: Each IHT image line is variation with  $k$  for a fixed  $m$ , caption format  $(k, m)$