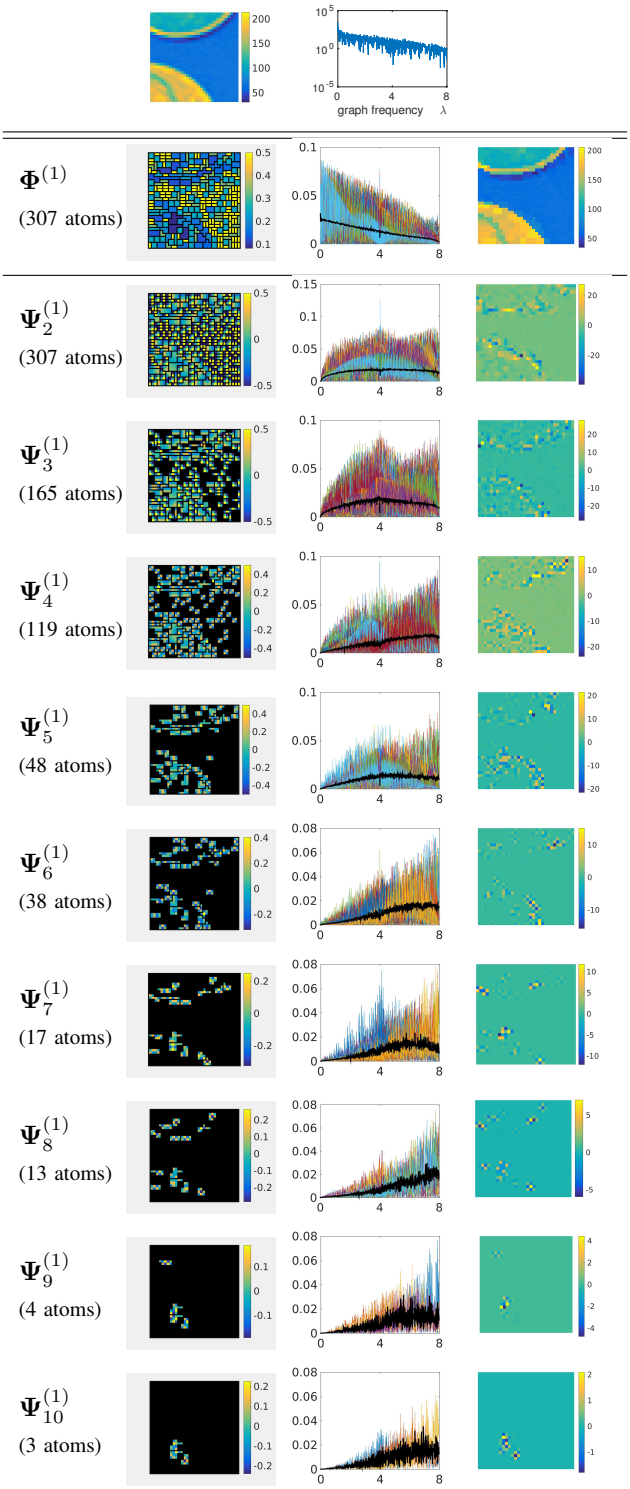

Fig. 1. Top line: original graph signal (a 32×32 zoomed square part of *coins.png*) and its graph Fourier transform. Second line: Approximation atoms after the first level of the cascade, their graph Fourier transforms, and the reconstructed signal after projection on these atoms. All other lines: Detail atoms after the first level of the cascade, their graph Fourier transform, and the reconstructed signal after projection. Note that the colorbar's scales vary.

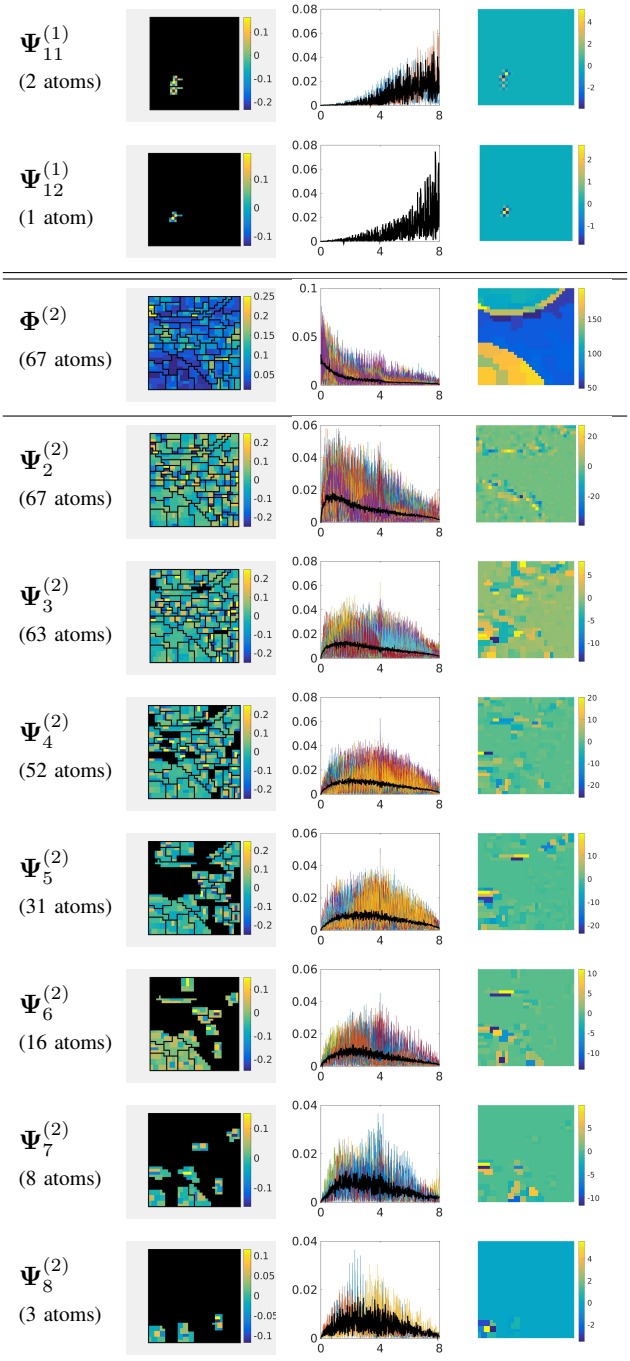

Fig. 2. Top two lines: 2+1 detail atoms after the first level of the cascade, their graph Fourier transforms, and the reconstructed signal after projection on these atoms. Third line: Approximation atoms after the second level of the cascade, their graph Fourier transforms, and the reconstructed signal after projection on these atoms. All other lines: Detail atoms after the second level of the cascade, their graph Fourier transform, and the reconstructed signal after projection. Note that the colorbar's scales vary.

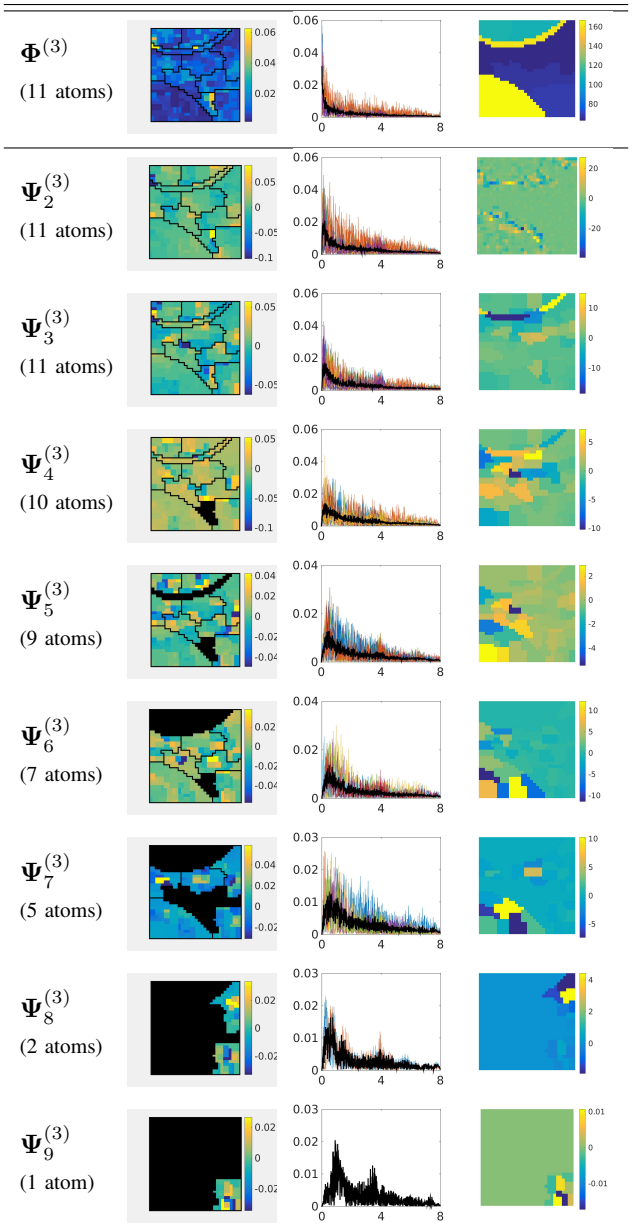

Fig. 3. Top line: Approximation atoms after the third level of the cascade, their graph Fourier transforms, and the reconstructed signal after projection on these atoms. All other lines: Detail atoms after the third level of the cascade, their graph Fourier transform, and the reconstructed signal after projection. Note that the colorbar's scales vary.