COM500 Mini-Project:
Adaptive Filtering

Description of the Mini-Project Data

The data we provide is

- $d[n] = s[n] + (h * x)[n]$. This is a bass line (music) $s[n]$, corrupted by a talking people noise $x[n]$, the latter having a with a reverb effect $h[n]$. The noise affecting the signal $s[n]$ is then $(h * x)[n]$
  This signal represents what is heard in headphone when we are in a noisy environment with people talking or playing music.
- The talking people noise $x[n]$.
  This signal represent what the external microphone placed on the headphone records (without the reverb effect)