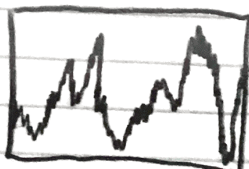


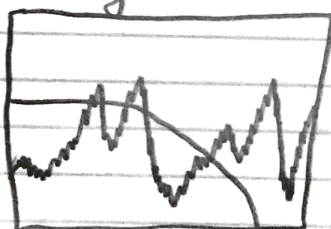
Time Domain

Input



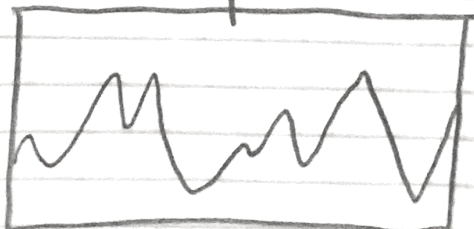
The original
music signal
over time

System



A low-pass filter
of 100 hz

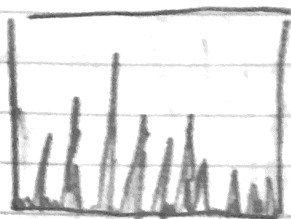
Output



Filtered original
music signal

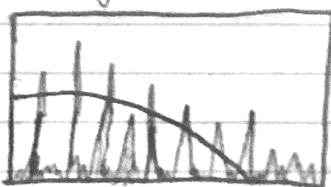
Frequency Domain

input



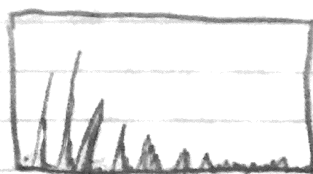
The original music
signal in the
frequency spectrum

System



A low Pass filter
of 100 kHz

Output



Filtered original
music signal