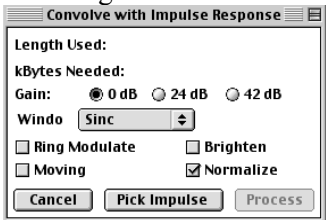


Composition: Electronic Media I

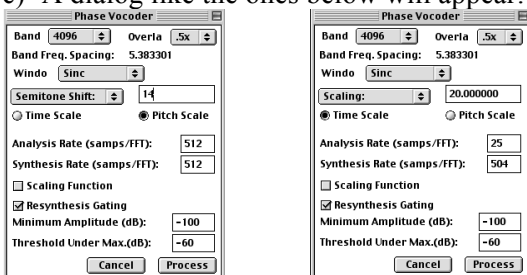
Fritts

Fall 2004

SoundHack Overview

- 1) The **File** menu displays the following functions:
 - a) Record New
 - b) Open
 - c) Open Any
 - d) Close
 - e) Split Into Mono Files
 - f) Import: Snd Resource, CD track
- 2) The **Edit** menu does not appear to be useful.
- 3) The **Hack** menu displays the following functions:
 - a) Binaural Filter
 - b) Convolution
 - c) Spectral Dynamics
 - d) Mutation
 - e) Phase Vocoder
 - f) Varispeed
 - g) Spectral Extractor
 - h) Normalize
- 4) To use the **convolution** function, do the following:
 - a) Open any soundfile you wish to convolve.
 - b) Select **Hack>Convolution**
 - c) A dialog like the one below will appear:
 - d) Select the options shown above, then click on “Pick Impulse”.
 - e) An **open** dialog will appear. Select a very short soundfile to use as an impulse.
 - f) Click on “Process”.
 - g) A new file will be created named “file1 * file2”.

- 5) To use the **Phase Vocoder**, do the following:
 - a) Open any soundfile you wish to transform in pitch or time.
 - b) Select **Hack>Phase Vocoder**
 - c) A dialog like the ones below will appear:



- d) The dialog settings shown on the left will transpose the pitch of the soundfile up 14 semitones (-14 will transpose down).
- e) The dialog settings shown on the right will time stretch the soundfile to 20 times its original length.