# Signal Processing

| Copyright (c) 2016 – 2018 Young W. Lim.   |
|---|
| Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License". |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
| Please send corrections (or suggestions) to youngwlim@hotmail.com.  |
| This document was produced by using LibreOffice.  |
|   |
|   |
|   |
|   |
|   |
|   |
|   |
|   |

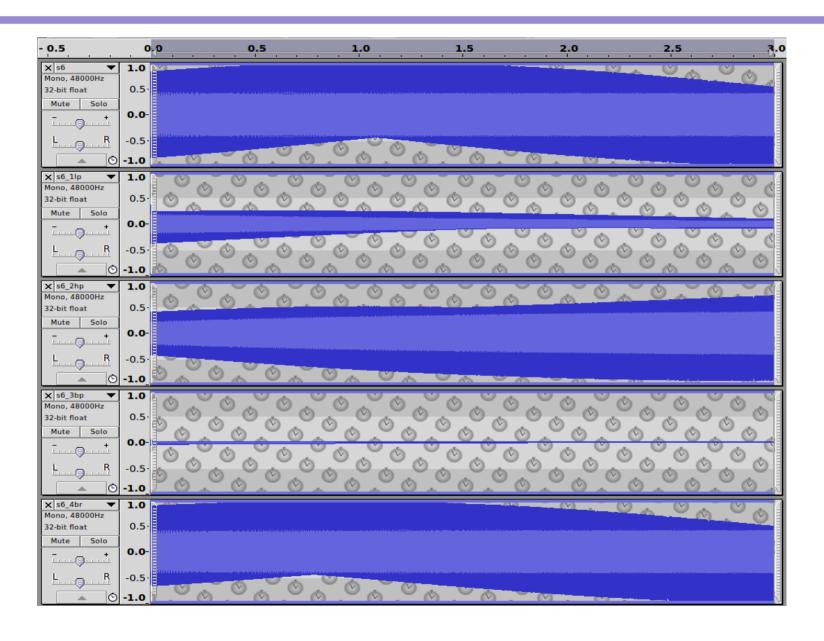
### Based on

Signal Processing with Free Software : Practical Experiments F. Auger

#### soxi

```
sox s6.wav s6_1lp.wav lowpass -1 500
sox s6.wav s6_2hp.wav highpass -2 2000 0.8q
sox s6.wav s6_3bp.wav bandpass 200 5q
sox s6.wav s6_4br.wav bandreject 200 0.6q
sox s6.wav s6_5bp.wav gain -20
```

## Generating signals using sox



#### References

[1] F. Auger, Signal Processing with Free Software: Practical Experiments