

15-826: Multimedia (Databases) and Data Mining

Lecture #22: DSP tools –
Wavelets - examples
C. Faloutsos

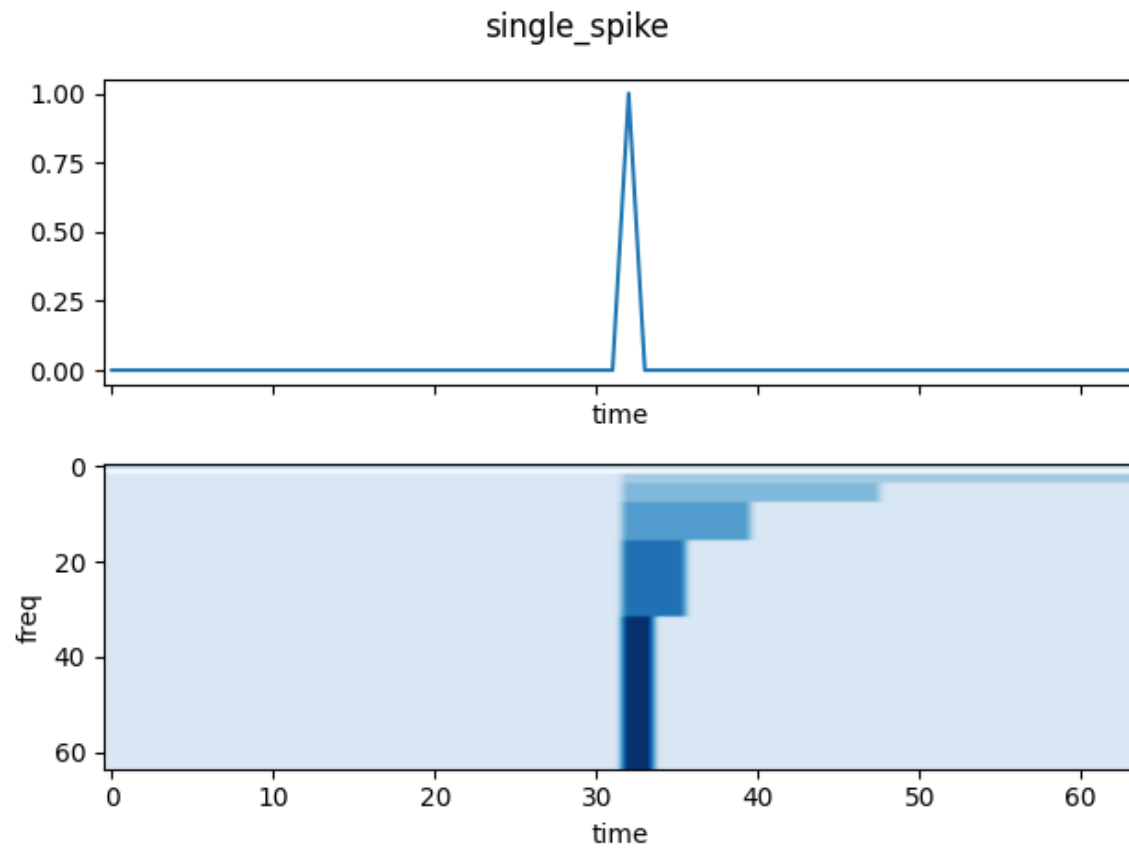
Tar file:

https://www.cs.cmu.edu/%7Echristos/SRC/haar_demo_all.tar

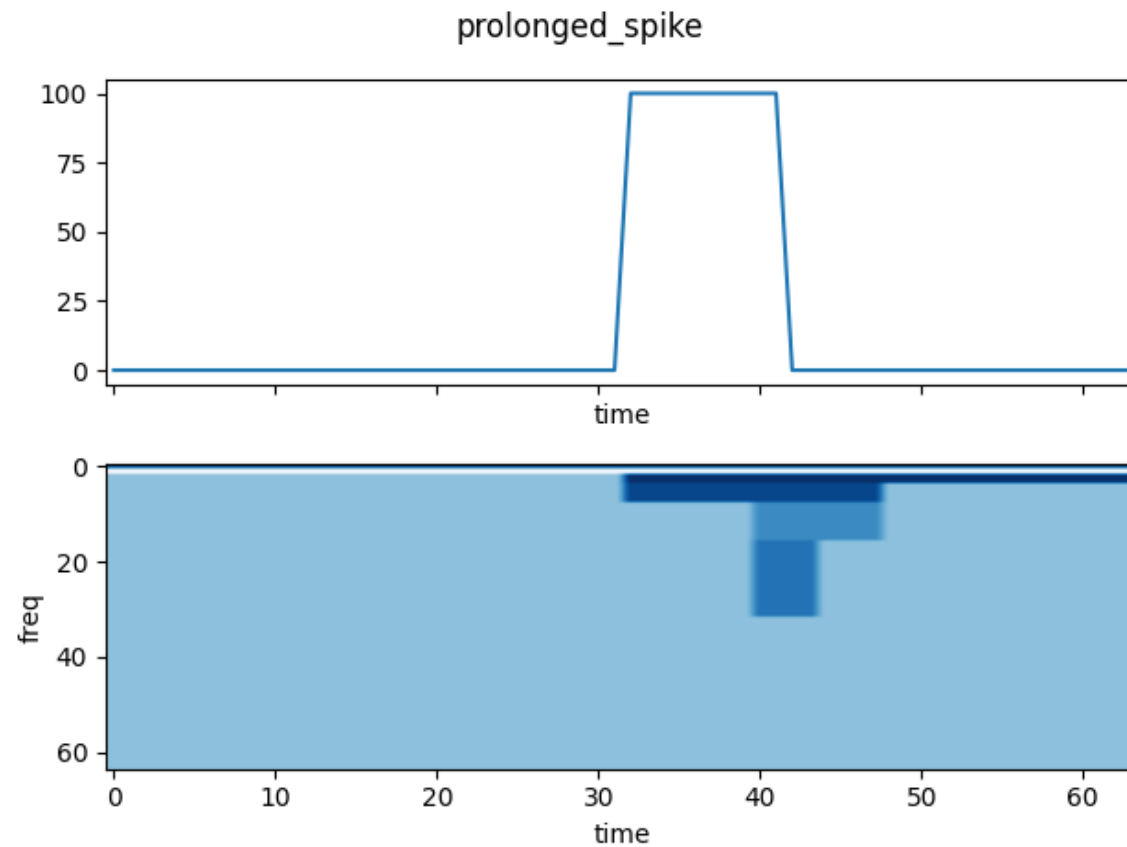
In a **new** python environment (python -m venv venv)

```
tar xvf haar_demo_all.tar  
make
```

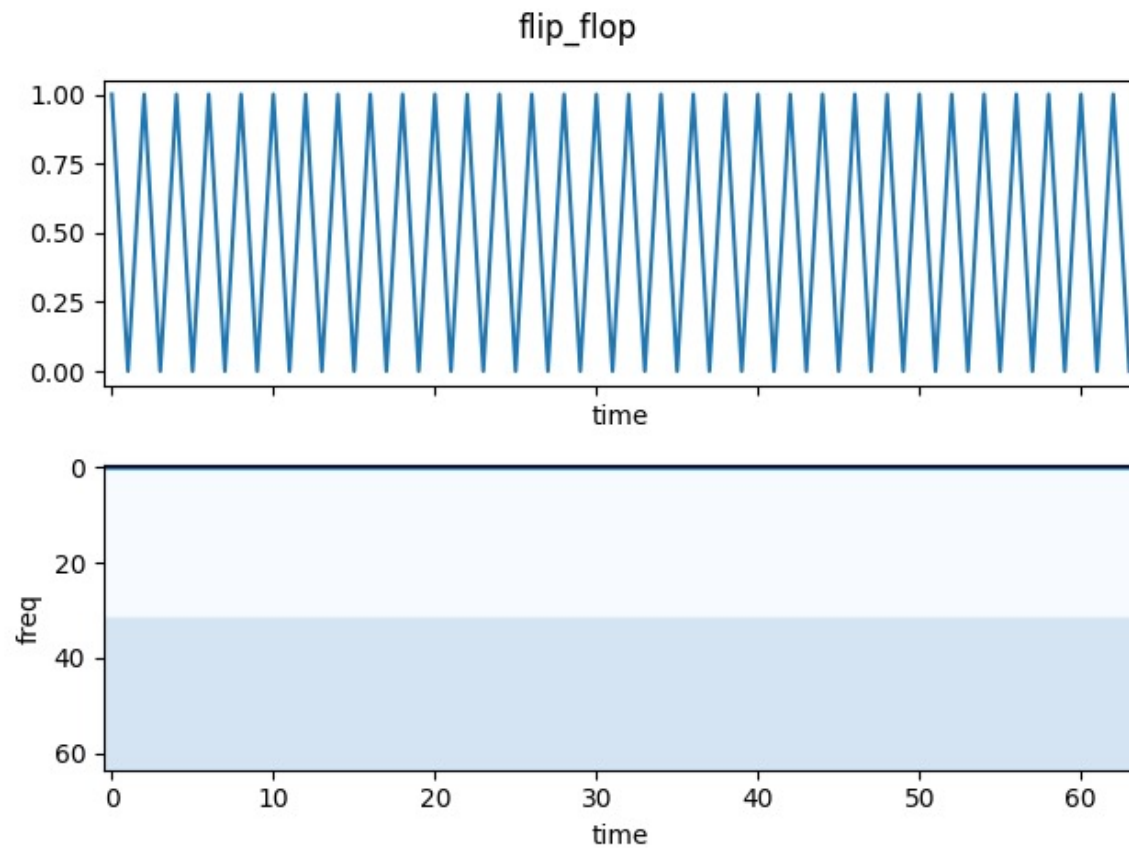
Spike

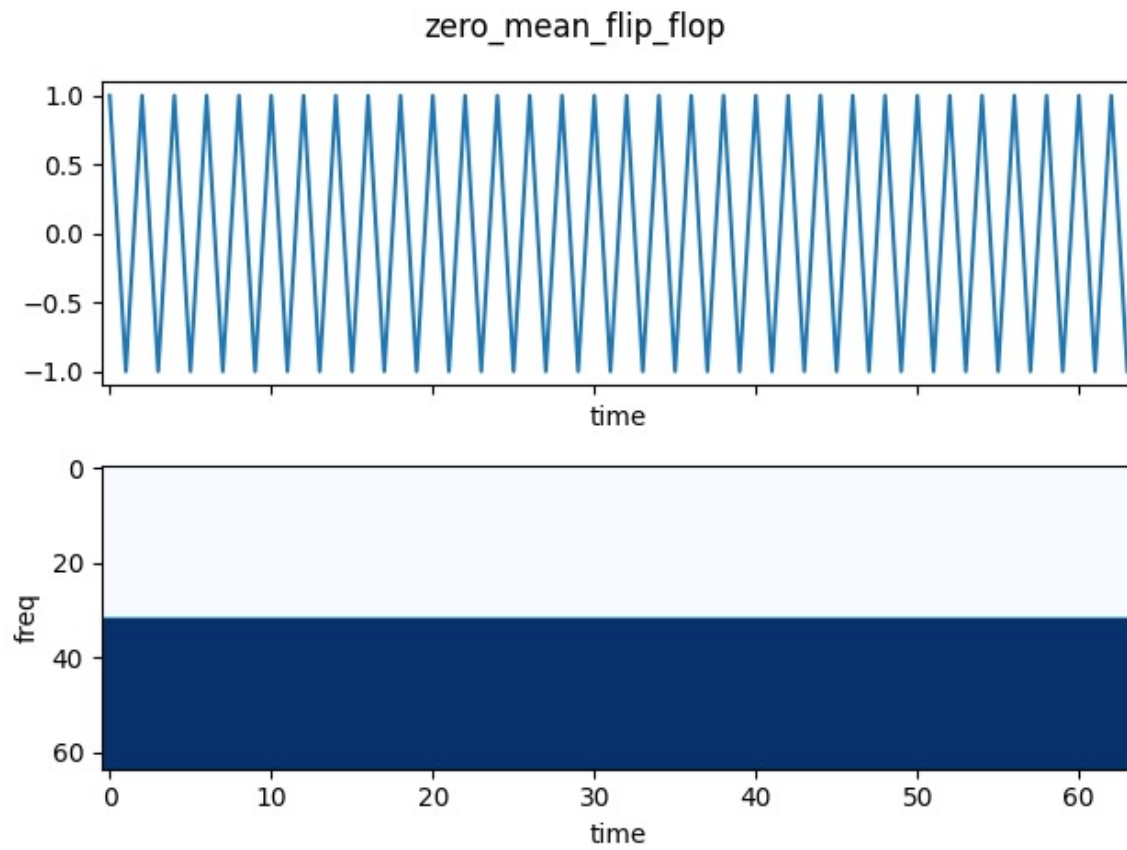


Prolonged spike

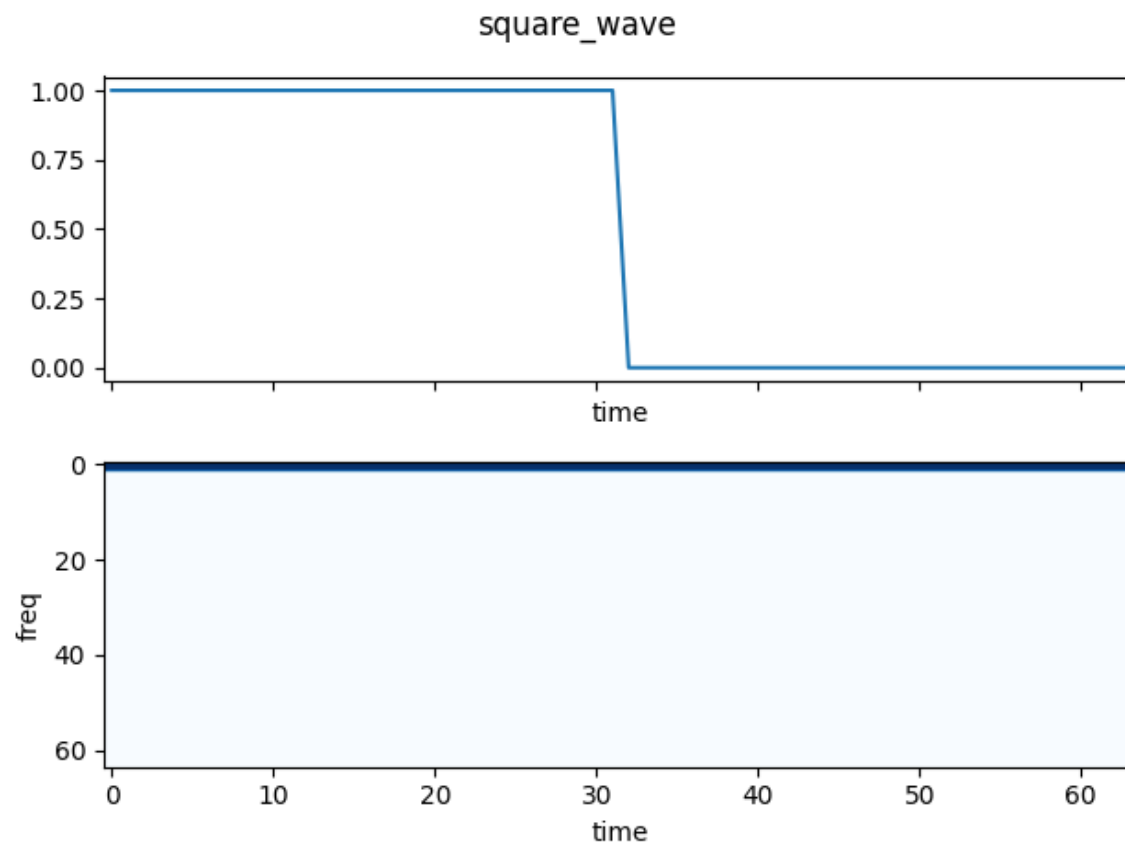


High freq square wave





Slow square wave



Slow sine

