



► Pre-course Materials

► Topic 1: Course Overview

► Topic 2: Lossless Source Coding: Hamming Codes

► Topic 3: The Frequency Domain

▼ Topic 4: Lossy Source Coding

#### 4.1 Perceptual Coding

Week 2 Quiz due Nov 09, 2015 at 15:30 UTC

#### 4.2: Time frequency analysis

Week 2 Quiz due Nov 09, 2015 at 15:30 UTC

#### 4.3 Masking

#### 4.4 Non-uniform Quantization

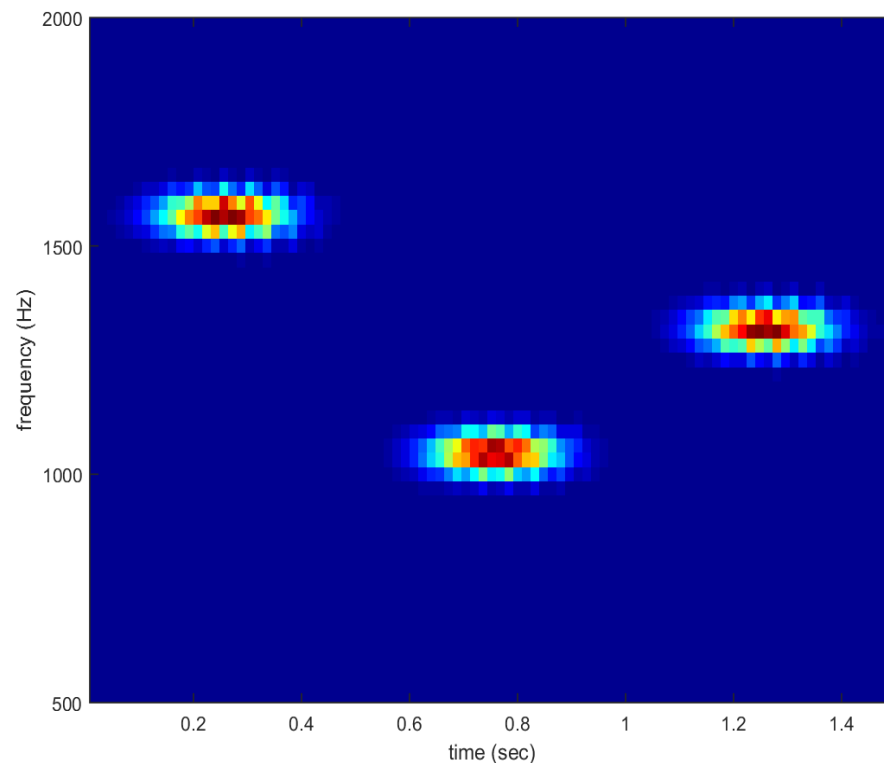
Week 2 Quiz due Nov 09, 2015 at 15:30 UTC

► MATLAB download and tutorials

► MATLAB

### 4.2 QUIZ QUESTION 1 (1/1 point)

Consider the following spectrogram.



Which sound corresponds to the spectrogram?



#### EXPLANATION

The spectrogram shows a high frequency note (G), followed by a low frequency note (C), followed by a middle frequency note (E). The first sound has this sequence.

Sandbox

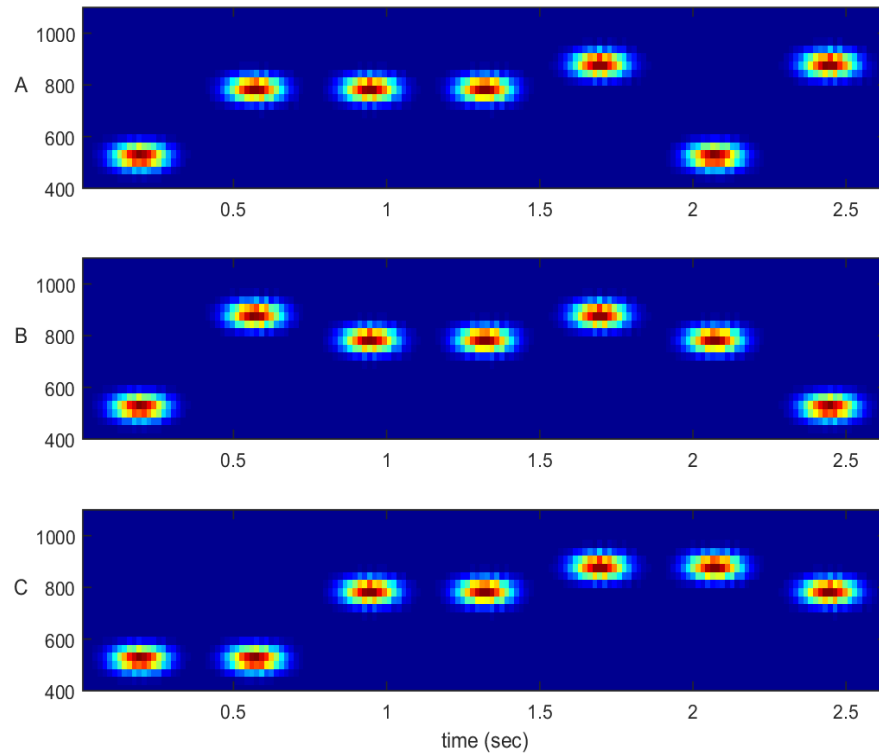
*You have used 1 of 1 submissions*

## 4.2 QUIZ QUESTION 2 (1/1 point)

Listen to the following sound:



Consider the following spectrograms:



Which spectrogram corresponds to the sound?

☐ Spectrogram A

☐ Spectrogram B

☒ Spectrogram C ✓

EXPLANATION

The sound consists of three repeated notes ascending in frequency followed by a final note at the frequency of the middle note.

*You have used 1 of 1 submissions*

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