



### Lecture 4 - Convolution (During Lecture)

1. In the folder "SyS 1 - Lecture 4"<sup>1</sup> you will find five recordings of several sounds: an accordion, a piano, a speech, a rock band and the voice of a soprano singer. Reproduce each of these signals in the precinct of which you have the impulse response (Hint: use the conv function)
2. In the same folder, you will find the impulse responses of a recording studio, the "Plaza Che" and a cathedral. Reproduce each of the five recordings (accordion, piano, speech, rock band and voice of soprano singer) in the aforementioned places
3. Discuss with your team and answer the proposed questions. The questions are found in Google Form, posted on the Google Classroom of the course

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<sup>1</sup> The password to uncompress the file is SyS-Convolution