

# Convolución y correlación

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**Abstract**—In this document, we will explore the application of convolution and correlation concepts to analyze and compare audio signals. Utilizing MATLAB, we will investigate the correlation between pairs of audio files, aiming to identify patterns and similarities within them. Additionally, we will perform exercises involving vector correlation to further enhance our understanding of these techniques.

- I. INTRODUCTION
- II. METHODOLOGY
- III. RESULTS
- IV. CONCLUSIONS