# Fundamental frequency estimation

Andreas and Maria have covered several methods for estimating the frequency content of a signal. All of these are in a way well suited for different purposes. In our project, we wanted to find the pitch from a singing human voice, and the accuracy for finding the pitch from singing is usually lower compared to speech. This is mainly because there are rapid and wider variations in the pitch from a singing human voice compared to speech.

Instead we tried the well known periodogram and an algorithm called SWIPE.

Both of these methods gave reasonable results.m

# Periodogram

# 5G

# 5G second slide