|cIRM| < 1 or |IRM| < 1

Common assumption:

The magnitude of source spectrogram < mixture spectrogram

Motivations

MSS empirical upper bound

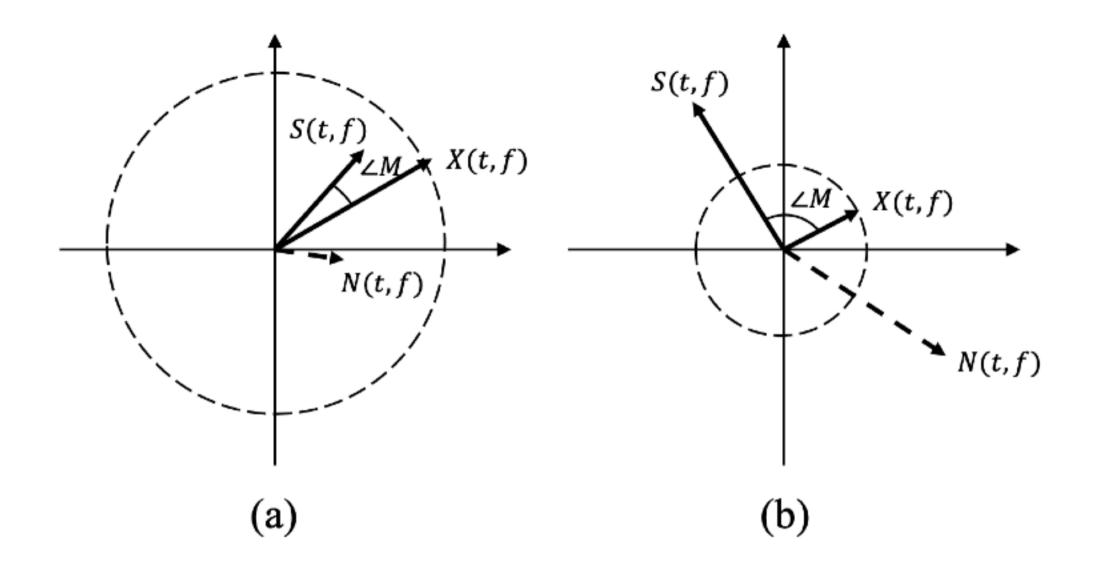


Figure 1. Illustrations of a source signal s, a noise n, and mixture x on a complex plain. (a) is an example when |M(t, f)| smaller than 1 and (b) is an example when |M(t, f)| larger than 1.

|cIRM| < 1 or |IRM| < 1

Common assumption:

The magnitude of source spectrogram < mixture spectrogram