- Common assumption:

- The magnitude of source spectrogram < mixture spectrogram

- $|\text{cIRM}| < 1$ or $|\text{IRM}| < 1$

Motivations

MSS empirical upper bound

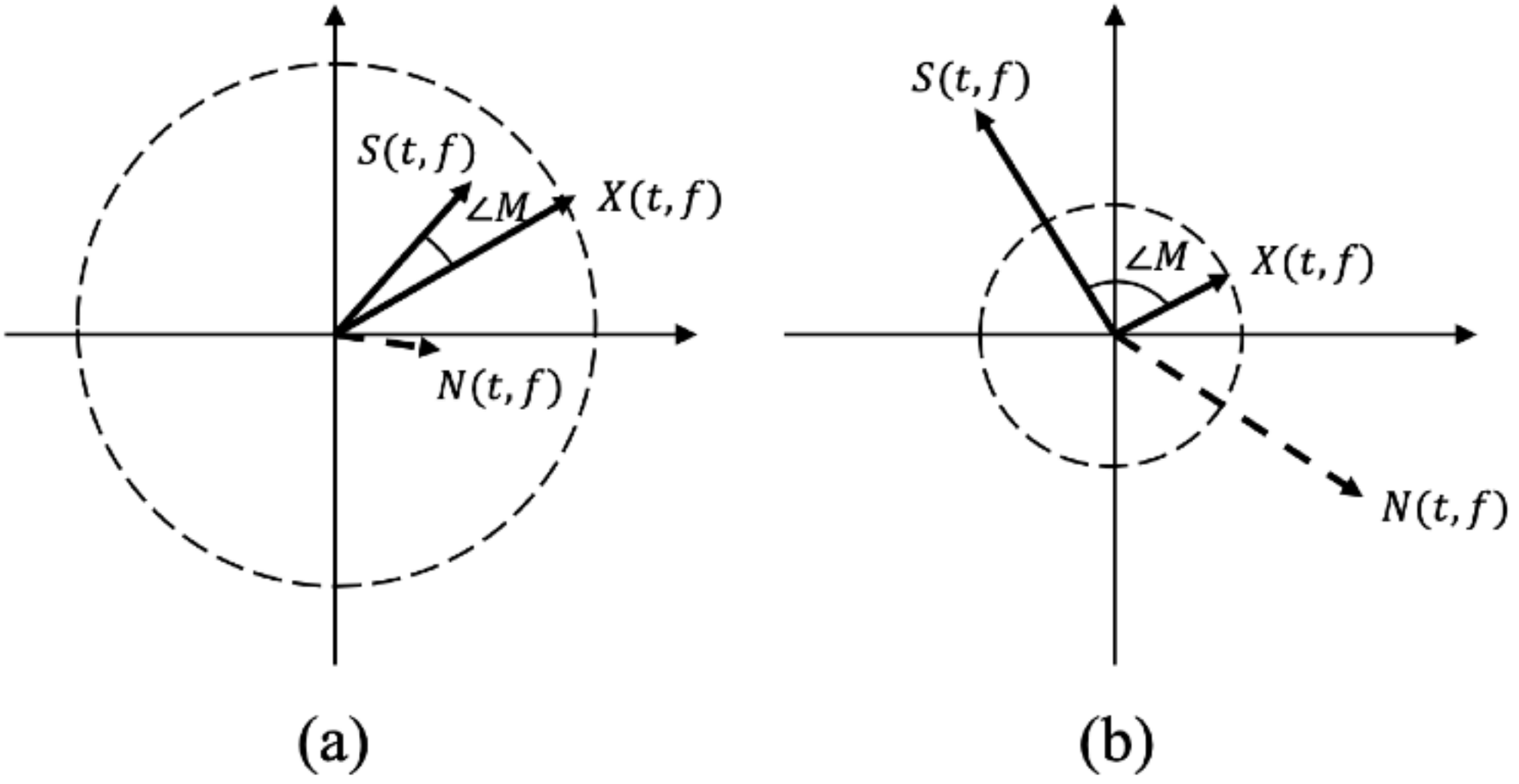

Figure 1. Illustrations of a source signal s, a noise n, and mixture x on a complex plain. (a) is an example when $|M(t, f)|$ smaller than 1 and (b) is an example when $|M(t, f)|$ larger than 1.

- Common assumption:

- The magnitude of source spectrogram < mixture spectrogram

- $|cIRM| < 1$ or $|IRM| < 1$