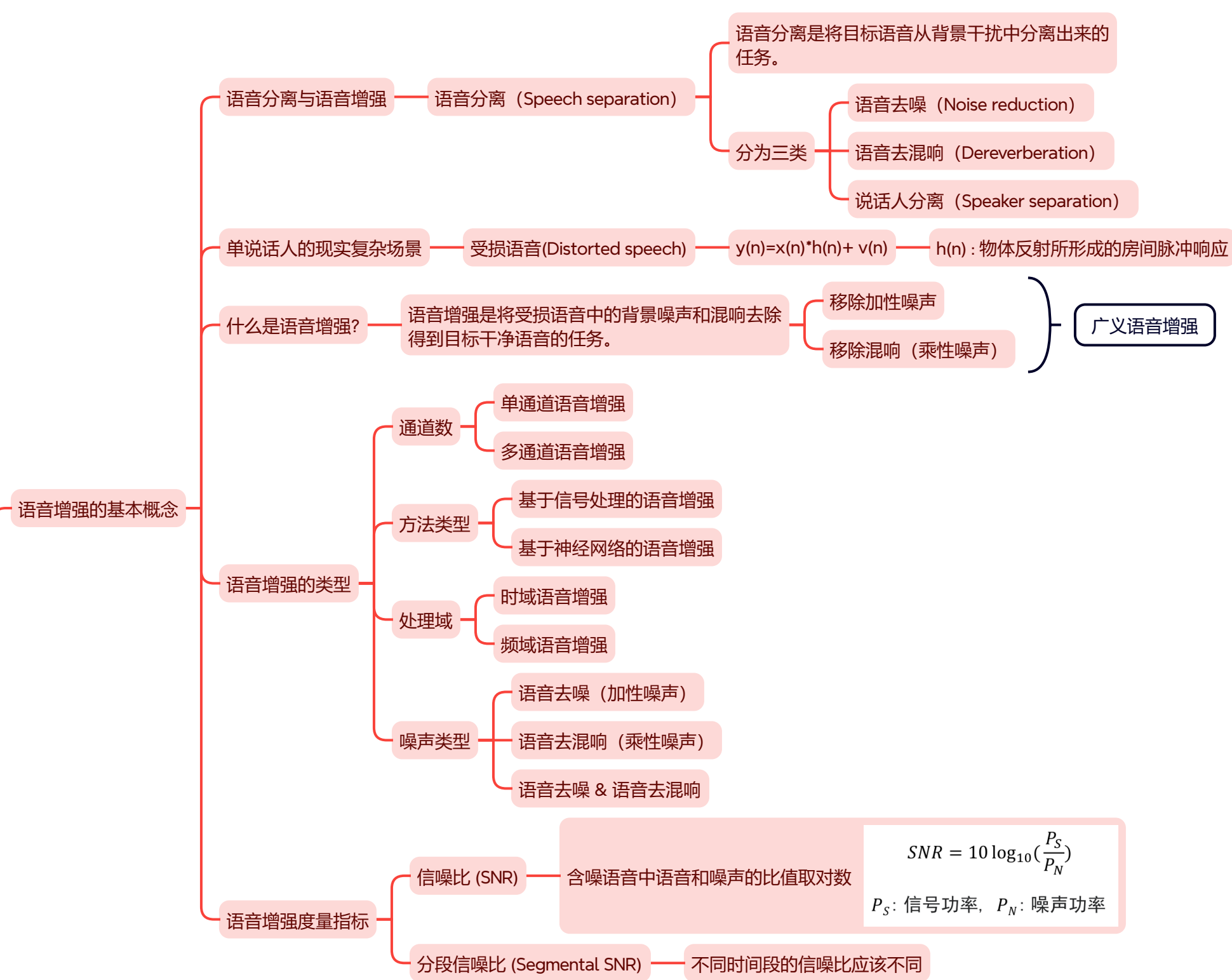
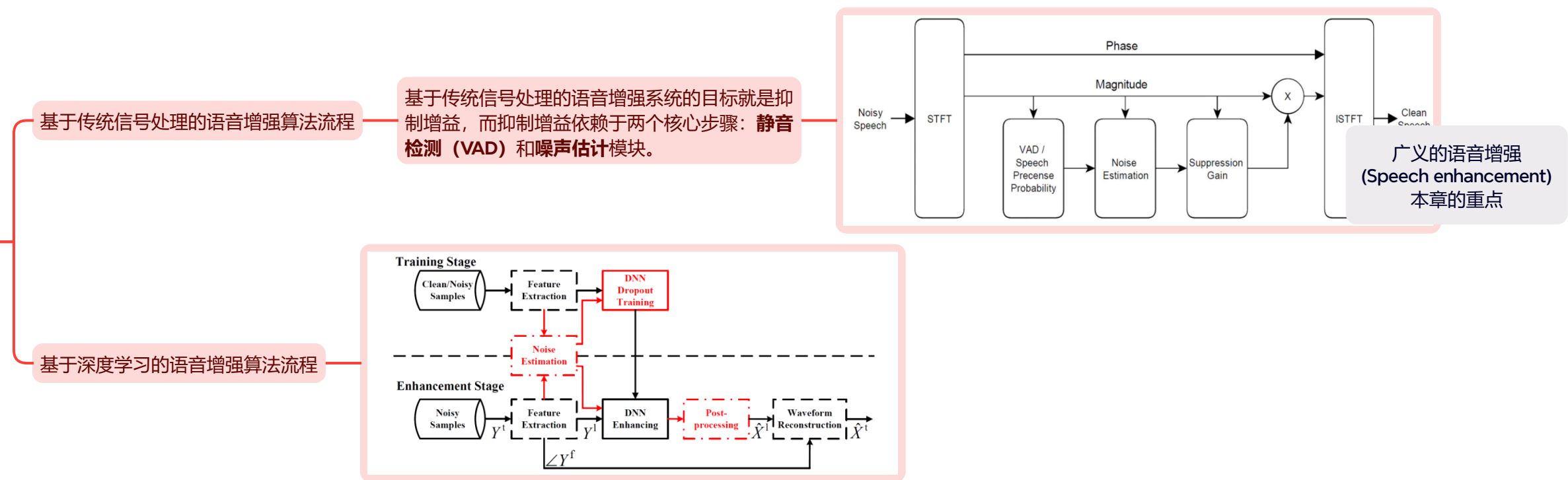


语音增强

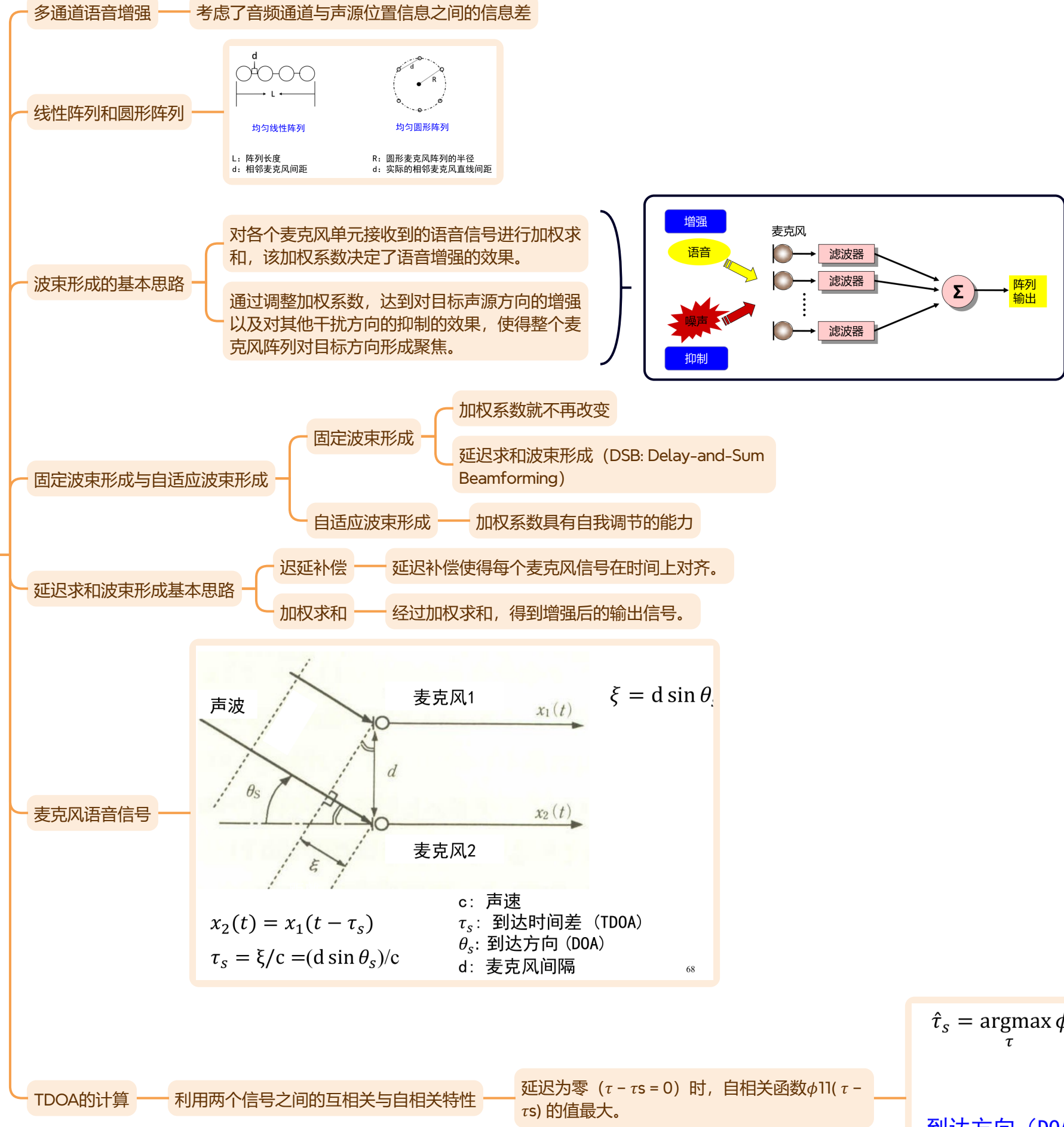
5.1 语音增强的概述



语音增强方法的回顾



5.3 多通道语音增强



$$\hat{\tau}_s = \underset{\tau}{\operatorname{argmax}} \phi_{12}(\tau) = \underset{\tau}{\operatorname{argmax}} \phi_{11}(\tau - \tau_s)$$

↓

到达方向 (DOA):  $\hat{\theta}_s = \sin^{-1}(c\hat{\tau}_s/d)$

增强从方向  $\hat{\theta}_s$  上来的语音信号。

5.2 单通道语音增强

