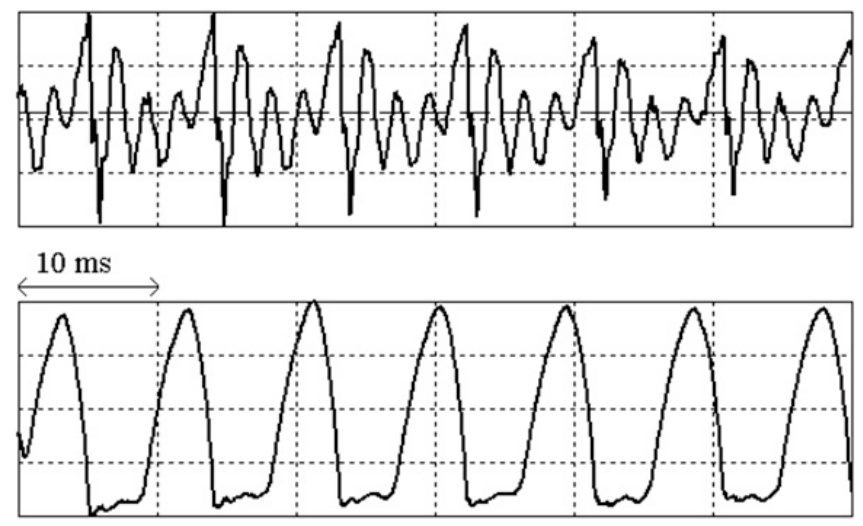
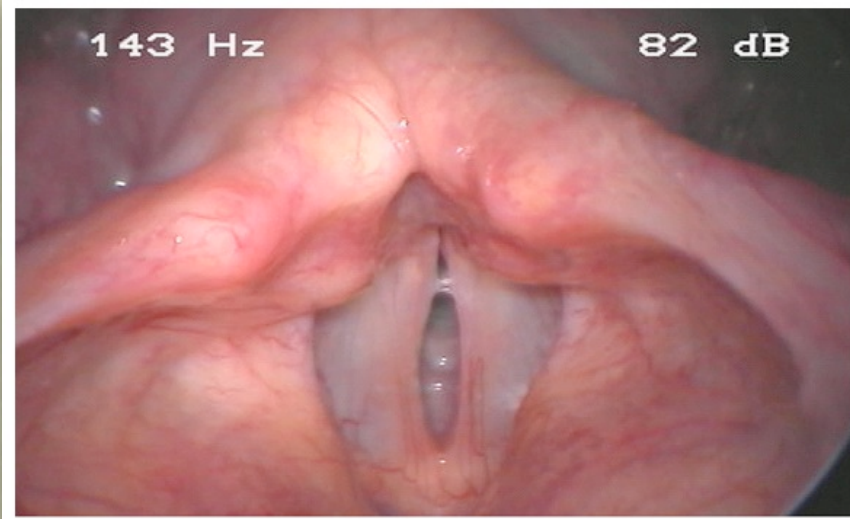
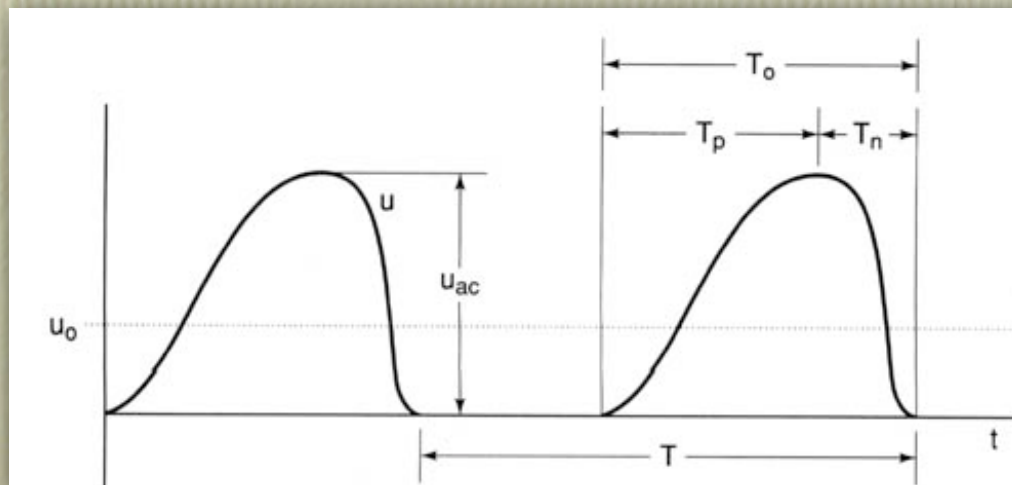


本当の音源波形

測定された音源波形



音源波形を記述する各種パラメータ



<http://www.ncvs.org/ncvs/tutorials/voiceprod/tutorial/graphing.html>

何故ウソをつくのか？

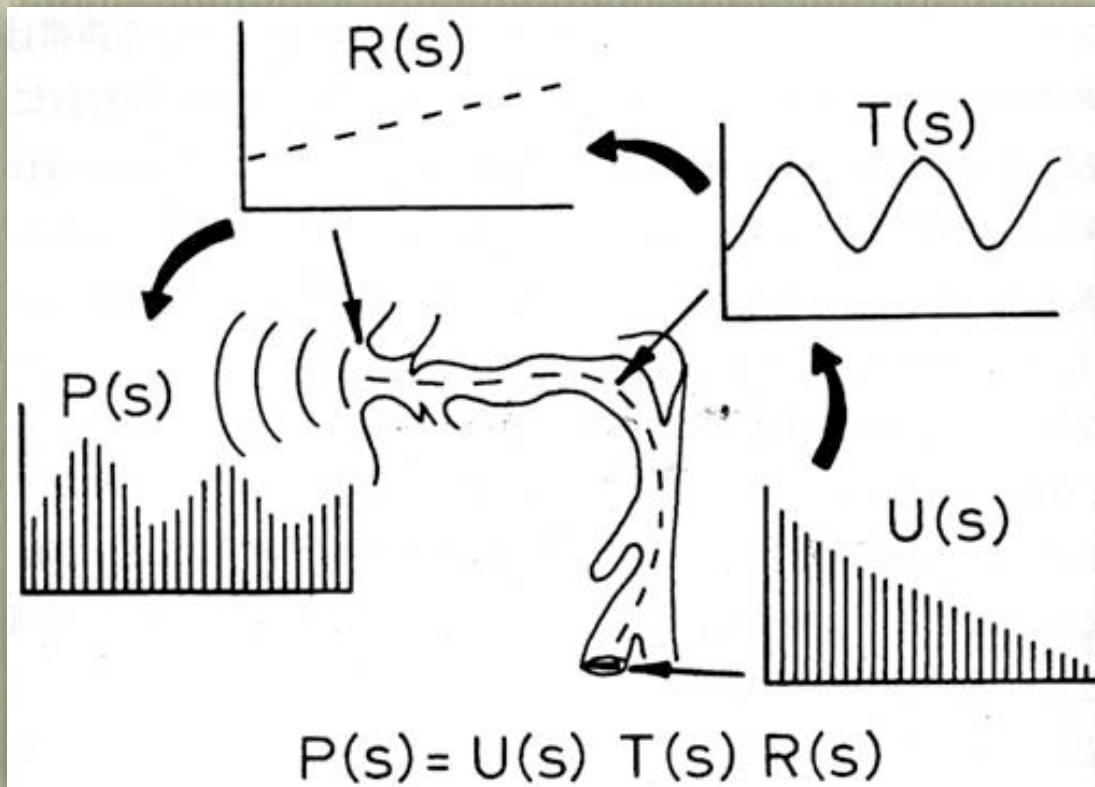
📌 ウソ・・・ではない。

🔴 少しばかり数式を恒等的にいじっただけ。

🔴 $|P(s)| = |U(s)||T(s)||R(s)| \rightarrow |P(s)| = \alpha|U(s)/\alpha||T(s)||R(s)|$

🔴 $\log |P(s)| = \log \alpha + \log(|U(s)/\alpha||T(s)||R(s)|) = \log G(s) + \log V(s)$

🔴 $\log G(s) = \log \alpha = \text{const.} \quad \log V(s) = \log |U(s)T(s)R(s)| - \log \alpha$



$$P(s) = U(s)T(s)R(s)$$

$$|P(s)| = |U(s)||T(s)||R(s)|$$

$$\begin{aligned} \log |P(s)| &= \log |U(s)| + \\ &\quad \log |T(s)| + \\ &\quad \log |R(s)| \end{aligned}$$