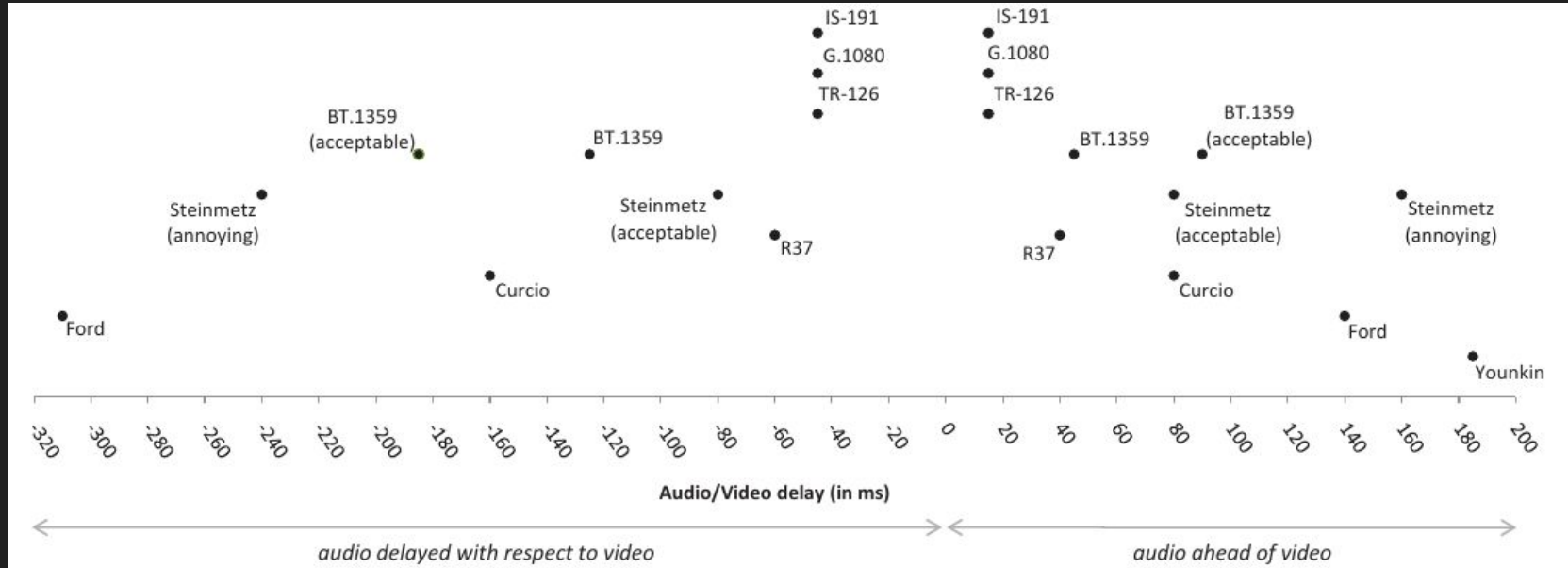


Lip Sync Detection

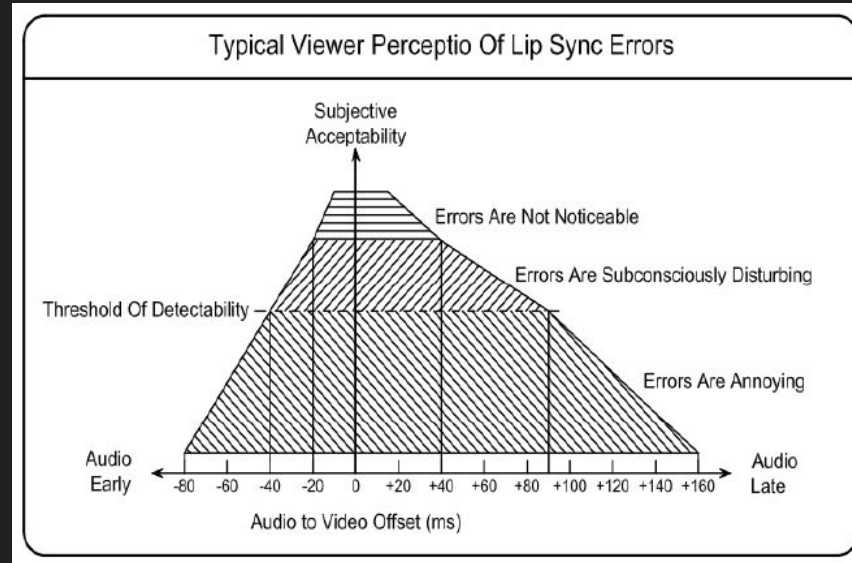
Lucjan Janowski, Mikołaj Leszczuk
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Lip Sync Influence



Staelens, Nicolas, Jonas De Meulenaere, Lizzy Bleumers, Glenn Van Wallendael, Jan De Cock, Koen Geraert, Nick Vercammen, et al. 2012. "Assessing the Importance of Audio/video Synchronization for Simultaneous Translation of Video Sequences." *Multimedia Systems* 18 (6): 445–457.

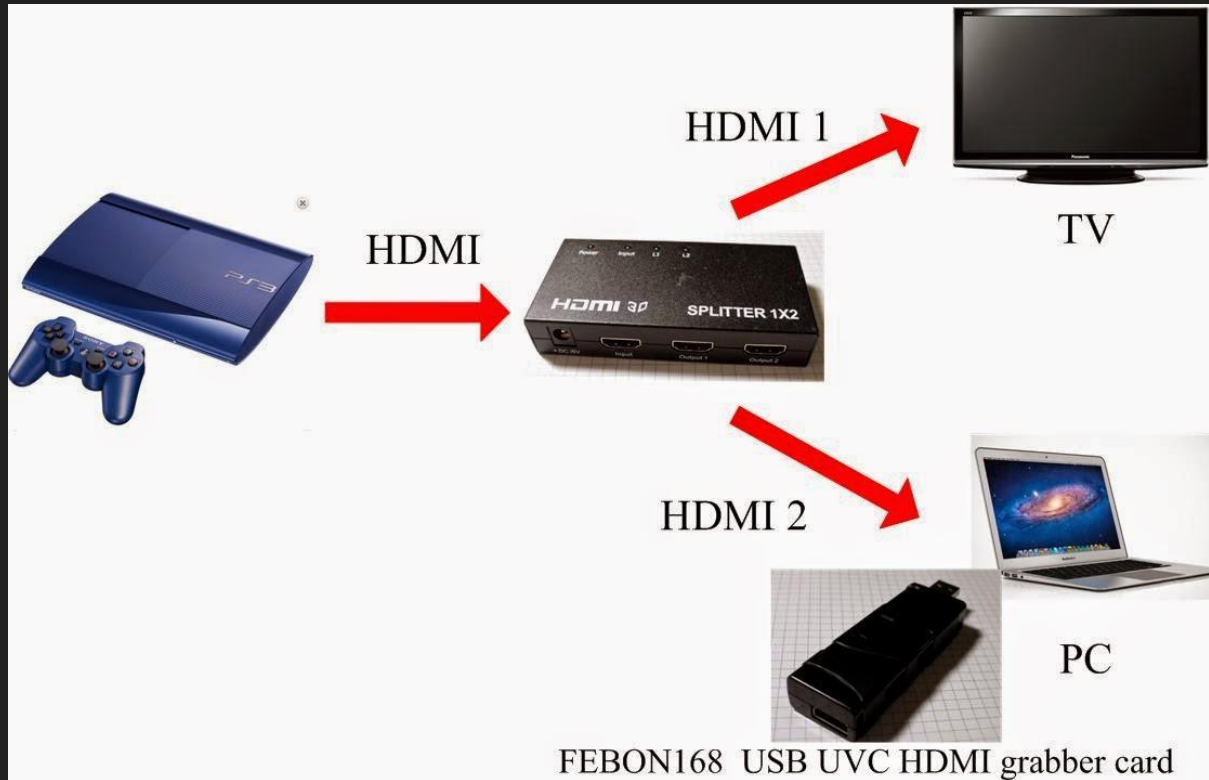
Lip Sync Influence



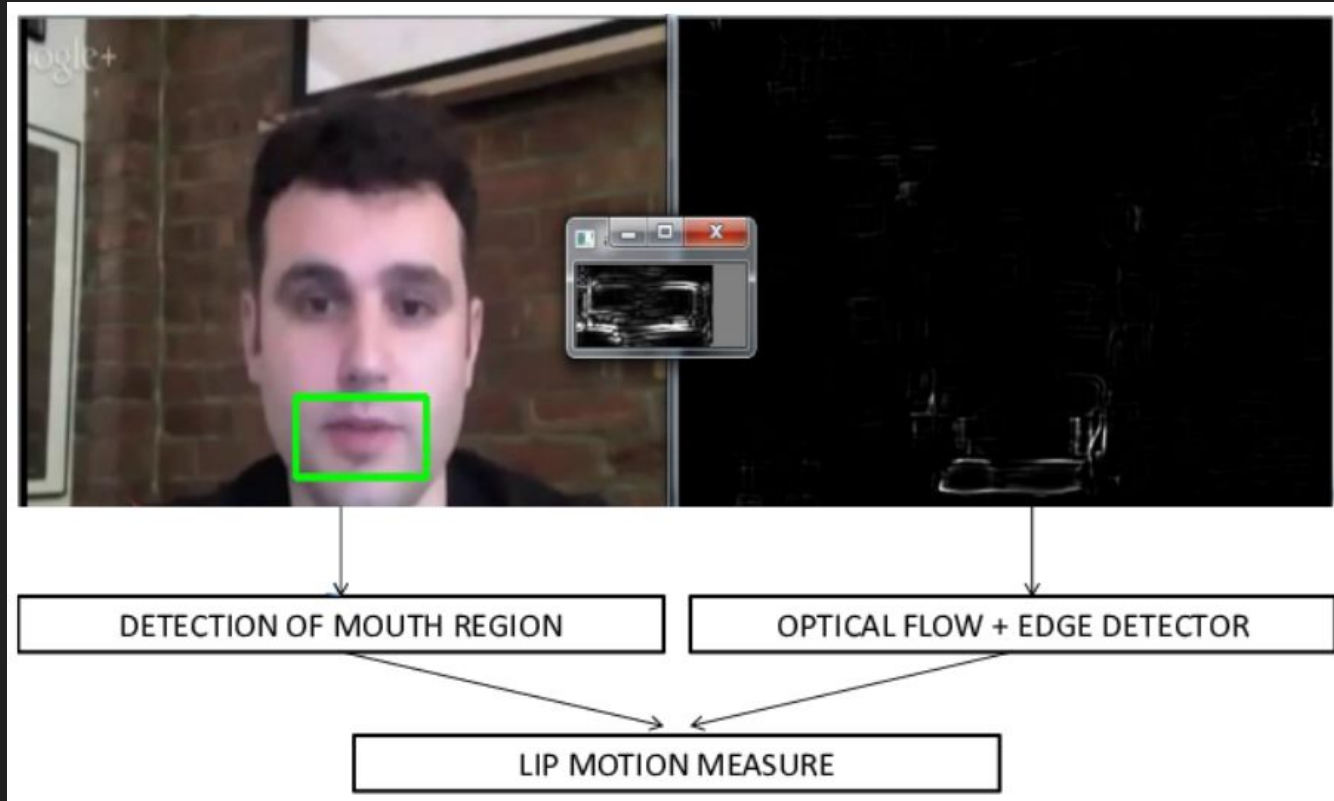
S. Kunić, Z. Šego and B. Z. Cihlar, "Analysis of audio and video synchronization in TV digital broadcast devices," 2017 International Symposium ELMAR, Zadar, 2017, pp. 67-72.

Is Lip Sync Real Problem?

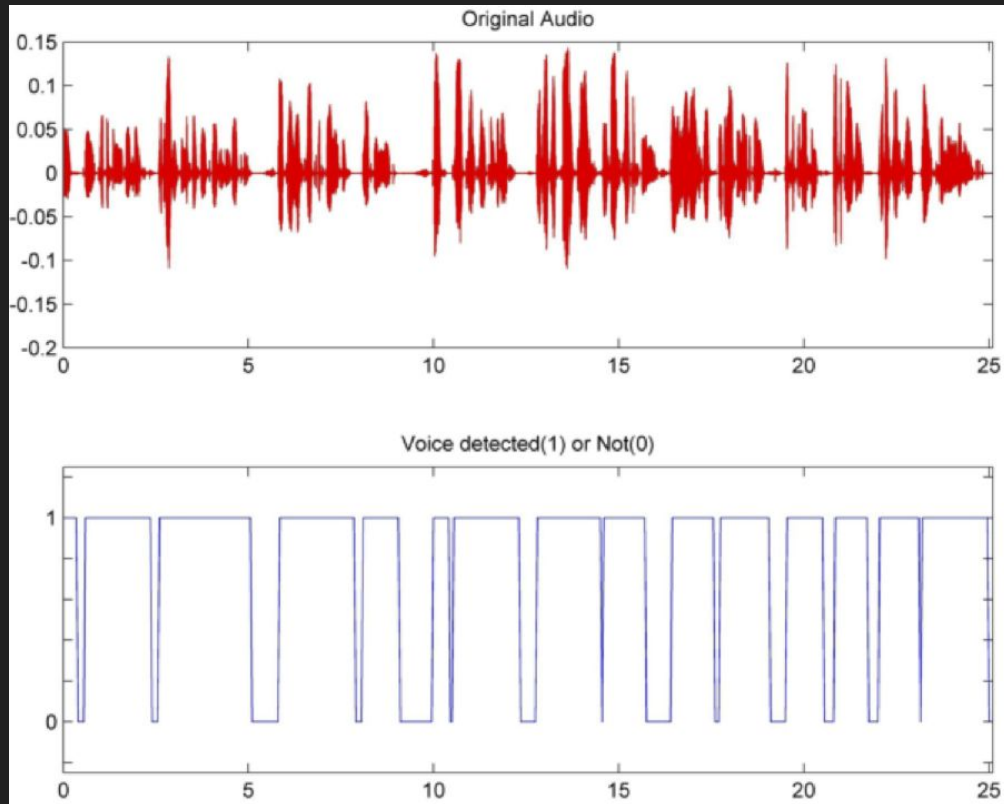
Measurement



Lip detection



Voice Detection



Question?