Example files of the ESEH

(LASP_ESEH)

The LASP_ESEH database is available to exemplify the application of the Ego-Noise Statistics Estimation in Hilbert-Huang transform domain to a speech signal corrupted by Ego-noise. The speech is obtained from the TIMIT [1] database. This speech is corrupted by a ego-noise from DREGON [2] dataset with -5 dB. All signals are sampled at 16 kHz.

[1] J. S. Garofolo, L. F. Lamel, W. M. Fisher, J. G. Fiscus, and D. S. Pallett, “DARPA TIMIT acoustic-phonetic continuous speech corpus CD-ROM. NIST speech disc 1-1.1,” NASA STI/Recon technical report n, vol. 93, 1993.

[2] M. Strauss, P. Mordel, V. Miguet and A. Deleforge, "DREGON: Dataset and Methods for UAV-Embedded Sound Source Localization," 2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), Madrid, Spain, 2018, pp. 1-8.