

References

1. Jingdong C, Jacob B, Huang A. On the optimal linear filtering techniques for noise reduction. *Speech Communications* 2007; 49-2: 305-316.
2. Nazan Avcioglu Kalebek. Sound Absorbing Polyester Recycled Nonwovens for the Automotive Industry. *Fibres & Textiles in Eastern Europe* 2016; 24 1(115): 107-113. DOI: 10.5604/12303666.1172093
3. Akagi M, Mizumachi M. Noise reduction by paired microphones. *In Proceedings of EUROSPEECH*, 1997; 335-338.
4. Hamid H. A time-frequency approach for noise reduction. *Digital Signal Processing* 2008; 18-5: 728-738.
5. Deng G, Tay DBH, Marusic S. A signal denoising algorithm based on over complete wavelet representations and Gaussian models. *Signal Process* 2007; 87: 866–876.
6. Ni C, Li Q, Xia LZ. A novel method of infrared image denoising and edge enhancement, *Signal Process* 2008; 88: 1606–1614.
7. Gulzow T G, Engelsberg A, Heute U. Comparison of a discrete wavelet transformation and a nonuniform polyphase filterbank applied to spectral-subtraction speech enhancement. *Signal Process* 1998; 64: 5–19.
8. Hong H, Liang M. Separation of fault features from a single channel mechanical signal mixture using wavelet decomposition. *Mech. Syst. Signal Process*, 2007; 21: 2025–2040.
9. Sharman R, Tyler JM, Pianykh OS. A fast and accurate method to register medical images using wavelet modulus maxima. *Pattern Recogn. Lett.* 2000; 21: 447–462.
10. Hernandez W. Improving the response of a wheel speed sensor by using frequency-domain adaptive filtering. *IEEE Sens. J* 2003; 3: 404–413.
11. Hernandez Robustness W. noise voltage analysis in two photometer circuits. *IEEE Sens. J.* 2007; 7: 1668–1674.
12. Hernandez W. Optimal estimation of the relevant information coming from a variable reluctance proximity sensor placed in a car undergoing performance tests. *Mech. Syst. Signal Process* 2007; 21: 2732–2739.
13. Hernandez W. A survey on optimal signal processing techniques applied to improve the performance of mechanical sensors in automotive applications. *Sensors* 2007; 7: 84–102.
14. Su KL. Analog Filters. *Chapman & Hall, London, UK*, 1996.
15. Oppenheim AV, Schafer RW, Buck JR. Discrete-Time Signal Processing. 2nd ed. *Prentice-Hall; Englewood Cliffs, NJ, USA*, 1999.

16. Mcaulay R, Malpass J. Speech enhancement using a minimum mean-square error short time spectral amplitude estimator. *IEEE Transactions on Acoustic, Speech, Signal Processing*, 1980; 28-2: 137-145.
17. Wang P-N, Ho M-H, Cheng K-B, Murray R, Lin Ch-H. Study on the Friction Sound Properties of Natural-Fiber Woven Fabrics. *Fibres & Textiles in Eastern Europe*, 2017; 25: 2(122): 34-42. DOI: 10.5604/12303666.1228183
18. Moeller MJ, Pan P. Statistical energy analysis for road noise simulation. *SAE Technical paper*1997; 97.
19. Allard JF. Propagation of Sound in Porous Media: Modelling Sound Absorbing Materials. England: *Elsevier Science* 1993.
20. Chung JY, Blaser D,A. Transfer function method of measuring in-duct acoustic properties. I. Theory. *J Acoust Soc Am*,1980; 68.