

Accepted Manuscript

A narrowband active noise control system with a frequency estimation algorithm based on parallel adaptive notch filter

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PII: S0165-1684(18)30273-1
DOI: <https://doi.org/10.1016/j.sigpro.2018.08.012>
Reference: SIGPRO 6904



To appear in: *Signal Processing*

Received date: 5 March 2018
Revised date: 10 July 2018
Accepted date: 21 August 2018

Please cite this article as: Han Wang , Hongling Sun , Yunping Sun , Ming Wu , Jun Yang , A narrowband active noise control system with a frequency estimation algorithm based on parallel adaptive notch filter, *Signal Processing* (2018), doi: <https://doi.org/10.1016/j.sigpro.2018.08.012>

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Highlights:

- adaptive notch filters are often used to estimate frequency and obtain reference signal in narrowband active noise control systems
- conventional cascaded structures of the adaptive notch filter suffer from several drawbacks
- the proposed parallel adaptive notch filter algorithm has good performance and low complexity

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