

Publications

Marius Pesavento

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Journal articles

- [1] K. Debre, T. Fei, and M. Pesavento, “Sequential maximum-likelihood estimation of wideband polynomial-phase signals on sensor array,” *Signal Processing*, vol. 238, p. 110 105, 2026, ISSN: 0165-1684. DOI: <https://doi.org/10.1016/j.sigpro.2025.110105>. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S0165168425002191>.
- [2] Y. Fan and M. Pesavento, “Decentralized singular value decomposition for feature-wise partitioned data in large-scale distributed sensor networks,” *IEEE Transactions on Signal and Information Processing over Networks*, vol. 11, pp. 1422–1436, 2025. DOI: 10.1109/TSIPN.2025.3624957.
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- [4] R. Müller et al., “A tensor model for the calibration of air-coupled ultrasonic sensor arrays in 3D imaging,” *Signal Processing*, vol. 230, p. 109 812, May 2025, ISSN: 0165-1684. DOI: 10.1016/j.sigpro.2024.109812. [Online]. Available: <https://www.sciencedirect.com/science/article/pii/S0165168424004328>.
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Conference proceedings

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