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This index covers all technical items—papers, correspondence, reviews, etc.—that appeared in this periodical during 2020, and items from previous years that were commented upon or corrected in 2020. Departments and other items may also be covered if they have been judged to have archival value.

The Author Index contains the primary entry for each item, listed under the first author's name. The primary entry includes the coauthors' names, the title of the paper or other item, and its location, specified by the publication abbreviation, year, and inclusive pagination. The Subject Index contains entries describing the item under all appropriate subject headings, plus the first author's name, the publication abbreviation, year, and inclusive pages. Note that the item title is found only under the primary entry in the Author Index.

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Medical diagnostic computing

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Particle filtering (numerical methods)

Multi-Hypothesis Square-Root Cubature Kalman Particle Filter for Speaker Tracking in Noisy and Reverberant Environments. *Zhang, Q.*, +, *TASLP* 2020 1183-1197

Particle swarm optimization

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Patient diagnosis

Toward Optimum Quantification of Pathology-Induced Noises: An Investigation of Information Missed by Human Auditory System. *Ghasemzadeh*, H., +, TASLP 2020 519-528

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Glottal Flow Synthesis for Whisper-to-Speech Conversion. Perrotin, O., +, TASLP 2020 889-900

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Spectro-Temporal Sparsity Characterization for Dysarthric Speech Detection. Kodrasi, I., +, TASLP 2020 1210-1222

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Performance evaluation

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Question answering (information retrieval)

Temporal Reasoning via Audio Question Answering. Fayek, H.M., +, TASLP 2020 2283-2294

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Attentive Stacked Denoising Autoencoder With Bi-LSTM for Personalized Context-Aware Citation Recommendation. *Dai, T.,* +, *TASLP 2020 553-568* Recurrent neural networks

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Rate-Constrained Noise Reduction in Wireless Acoustic Sensor Networks. *Amini*, J., +, *TASLP 2020 1-12*

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