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Refereed Journal Papers

[j-huang-01:2014] Thongam Khelchandra, Jie Huang, and Somen Debnath. Path Planning of Mobile Robot with Neuro-genetic-fuzzy Technique in Static Environment. *International Journal of Hybrid Intelligent Systems*, 11(2):71–80, jan 2014.

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[markov-01:2014] T.Matsui K.Markov. Music Genre and Emotion Recognition Using Gaussian Processes. *IEEE Access*, 2:688–697, 2014.

Online open journal of IEEE.

Refereed Proceeding Papers

[j-huang-02:2014] Jie; Villegas Julian Sugasawa, Tomomi; Huang. Relative Influence of Spectral Bands in Horizontal Front Localization of White Noise. In *Proc. 137th AES Convention*, page no.9187. AES, oct 2014.

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[markov-02:2014] Y.Yang M.Caro F.Eyben K.Markov B.Schuller R.Veltkamp F.Weninger F.Wiering M.Soleymani, A.Aljanaki. Emotional Analysis of Music: A Comparison of Methods. In *ACM International Conference on Multimedia*, pages 1161–1164, 2014.

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[markov-03:2014] K.Markov D.Vazhenina. Sequence Memoizer based Language Model for Russian Speech Recognition. In *International Workshop on Spoken Language Technologies for Under-Resourced Languages*, pages 183–187, 2014.

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Unrefereed Papers

[sugiyama-01:2014] M. Sugiyama. Magic Graph Generation using Affine Transform. In ECEI, editor, *Proc. of ECEI*, page 2G21, Japan, Aug. 2014. ECEI, ECEI.

Summary of Achievement

- [sugiyama-02:2014] Tuan D. Pham. Computerized Assessment of Communication for Cognitive Stimulation for People with Cognitive Decline using Spectral-Distortion Measures and Phylogenetic Inference. In *Proc. of PLOS ONE*, 2014.
- [sugiyama-03:2014] M. Sugiyama T. Kitazawa. Relational Clustering in Social Bookmark. In ECEI, editor, *Proc. of ECEI*, page 2A05, Japan, Aug. 2014. ECEI, ECEI.
- [sugiyama-04:2014] M. Sugiyama. Magic Graph Generation based on Graph Search. In IPSJ Tohoku Chapter, editor, *2014 Tohoku Chapter Research Meeting*, pages 2014–akita, 9, Japan, Dec. 2014. IPSJ Tohoku Chapter, IPSJ Tohoku Chapter.
- [sugiyama-05:2014] M. Sugiyama. Algebraic Structure in Magic Graph. In IPSJ Tohoku Chapter, editor, *2014 Tohoku Chapter Research Meeting*, Japan, Mar. 2015. IPSJ Tohoku Chapter, IPSJ Tohoku Chapter.
- [sugiyama-06:2014] M. Sugiyama. Algebraic study on Magic Graphs. In IPSJ, editor, *Proc. of IPSJ*, pages 6A–02, Japan, Mar. 2015. IPSJ, IPSJ.
- [sugiyama-07:2014] M. Sugiyama T.Kitazawa. User Modeling through Relational Clustering on Folksonomy. In IPSJ, editor, *Proc. of IPSJ*, Japan, Mar. 2015. IPSJ, IPSJ.

Grants

- [sugiyama-08:2014] M.Sugiyama. Strategic Research Fund, University of Aizu, 2014-2015.

Academic Activities

- [sugiyama-09:2014] M. Sugiyama, Apr. 2014.
member of Fall Meeting
- [sugiyama-10:2014] M. Sugiyama, Apr. 2014.
member

Ph.D and Others Theses

[j-huang-03:2014] Taku Nagasaka. Frequency regions for elevation localization in the side areas, University of Aizu, 2014.

Thesis Advisor: Huang, J.

[j-huang-04:2014] Ryo Kaneta. A 3D sound localization system using two side loudspeaker matrices, University of Aizu, 2014.

Thesis Advisor: Huang, J.

[j-huang-05:2014] Yuzuru Nagayama. Distance factor for frontal sound localization with side loudspeakers, University of Aizu, 2014.

Thesis Advisor: Huang, J.

[j-huang-06:2014] Mizuki Sato. Analysis and regeneration of impact sounds, University of Aizu, 2014.

Thesis Advisor: Huang, J.

[j-huang-07:2014] Kentaro Takakura. 3D sound localization using two very near side loudspeakers – position difference and its influence –, University of Aizu, 2014.

Thesis Advisor: Huang, J.