

先端科学技術研究科 修士論文要旨

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論文題目	Evaluation of Emotional Impact of Music Based on Heart Rate Variability Analysis 心拍変動分析を用いた音楽による情動への影響評価		
要旨			
Music affects emotions and causes physiological changes. Previous studies have shown that music style and lyrics affect emotions. However, the contribution of lyrics, vocals, instruments has not yet clarified sufficiently. In this study, we verify the hypothesis that vocals and instruments amplify emotional changes due to emotional impressions in lyrics using psychological evaluations and the autonomic nervous system. We conducted the experiment to record the heart rate variability during listening to music in three groups using different three presentation methods. As a result, psychological evaluation and response of autonomic nervous system did not support our hypotheses, but the effects of either vocals or instrumentals were observed.			