Parametric Analysis of Musical Vibrato in Voice and Instrument Performance

Mingfeng Zhang

Dept. of Electrical and Computer Engineering, Edmund A. Hajim School of Engineering and Applied Sciences, Univ. of Rochester

Introduction

- performance training and sonic art design
- vibrato analysis and visualization.
- dimensions are proposed.
- Visualizations of magnitude track and frequency track are presented for analysis. We also magnitude track and frequency track to understand their connections.





System Design