Final study of a master's thesis

Software Engineer

Signal processing/Machine learning/Acoustic engineering / Optimization problems/Blind Source Separation/Auditory Scene Analysis

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Final Project

XEXISTIAN SOLUTION WITH SECULDA SECULTARY OF ACTION AND SOLUTION SECURITIES.**Example of the Content of

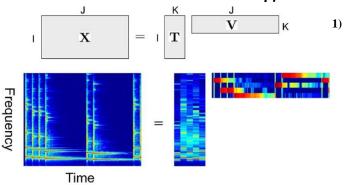


Fig. 1. Formulation of NMF (top) and its application to a music signal (bottom). Frequent sound patterns are identified in matrix T along with their activation periods and strengths shown in matrix V.

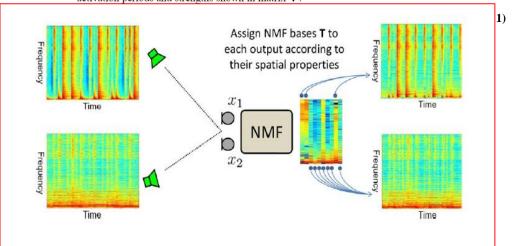
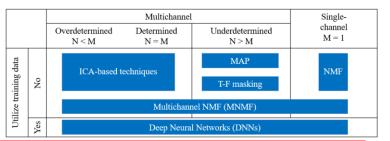
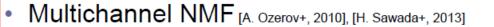
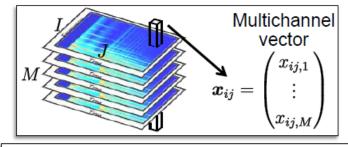
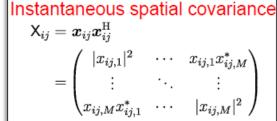


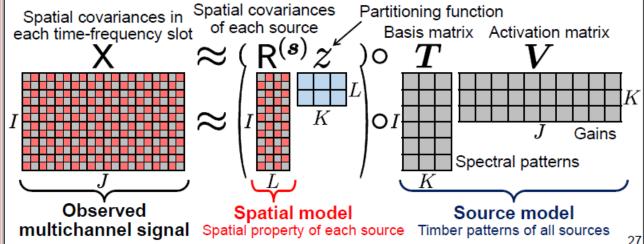
Fig. 2. Multichannel extensions of NMF associate the spatial property with each NMF basis. This enables us to cluster NMF bases according to the source location, and thus perform a source separation task.











2)

Final Project

XEXISTIAN SOURCE SEPARATION USING NORMALIZED SPATIAL COVARIANCE Matrix and Multichannel Nonnegative Matrix Factorization

