Investigating single layer and multilayer perceptron networks and kohonen networks

Introduction

Matlab and Matlab’s neural network toolbox was used

Method

Investigated single layer perceptron network with multiple voice recordings had the network determine two different and distinct voices from a group

Investigated multi-layer perceptron network with multiple voice recordings had the network determine two different and distinct voices from a group

Investigated Kohonen network

Investigated Korhonen network with multiple trian recordings

Outcomes

Conclusion

Appendix

Code listing 1 single layer perceptron network

Code listing 2 Multilayer perceptron network

Code listing 3 Kohonen network