Paper Title

September 13, 2015

Abstract

Our abstract.
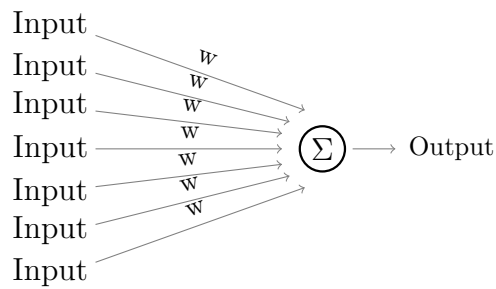
1 Introduction

Introduction here.

Figure 1: Single Neuron Diagram
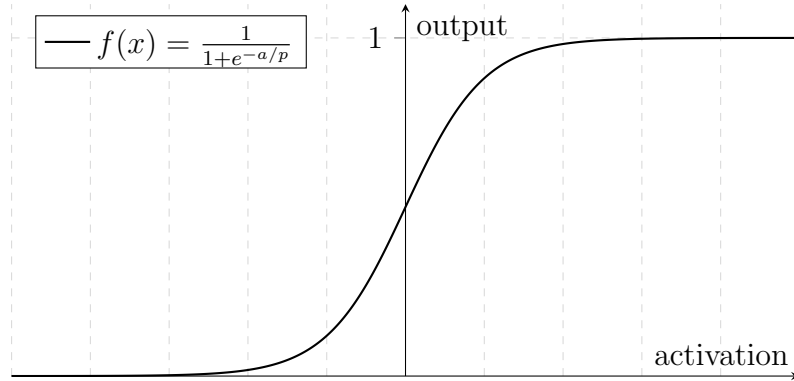
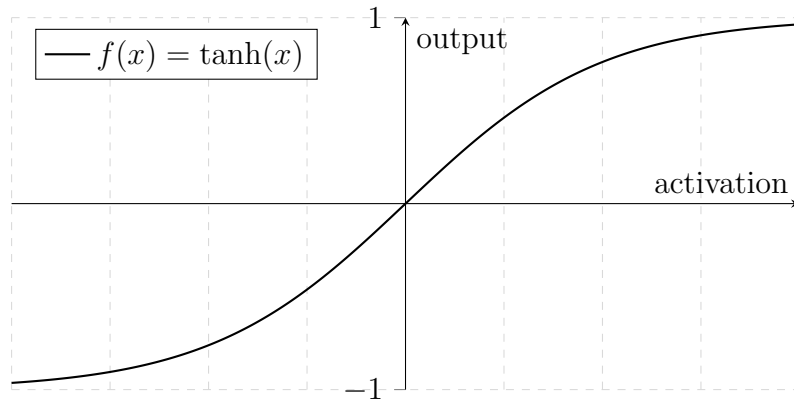Figure 2: Sigmoid Function Graph

Figure 3: Hyperbolic Tangent Function Graph

2 Neural Network Background

2.1 Neuron Architecture

2.2 Feedforward Neural Network

3 Learning Implementation

4 Simulation

4.1 Sensor Choice and Layout

4.2 Kinematics

5 Results

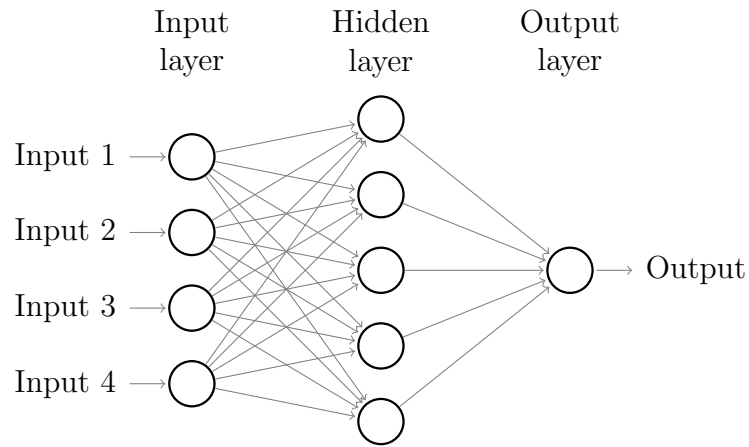Results, testing, and applications go here.

Figure 4: Single Output Feedforward Network

5.1   Training Methods

5.2   Findings

5.3   Further Applications

6   Conclusion

Restate, discuss further study, improving experimentation, etc.

References

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