Translations Of Neural Networks based on Fuzzy Weights for Binary Keys within Delayed and Actual Time

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Abstract

The Key facts of Translations are meant to validated the Fuzzy Weights. Moreover, In our case Fuzzy weights are based on Logical Reasoning and Logical Thinking, even though fuzzy logics are not concerned with data rather it depends on thought process based on human brain Imitation. Generally, at some point mankind depends on his own creations and tries to understand its usage through Machine Language or so called Machine Teaching and this is were humans try to understand fuzzy concepts based on binary language, moreover this translations are meant to become complicated the more we go deeper but here comes our originality of introducing fuzzy weights or logic based on Switching Theory Logical design which produces binary keys instead of values, we concentrated on reducing complexity of Machine Teaching through fuzzy weights.

Keywords

Machine Learning, Fuzzy Logic, Neural Networks

CCS Concepts

CS.HCI(HUMAN COMPUTER INTERFACE), CS.MACHINE TEACHING

Short Introduction

In Reality, Its unusual to find a gap between Artificial Intelligence and Machine Learning were AI is dedicated to Algorithms and Machine Learning is concerned with Principles and errors and both needed data for Validating so called issues, But we came across something interesting topic so called Machine Teaching, were it is a concept related to fill the gap of artificiality or its trajectory

Methodology

Its an Hypothetical Assumption, since this predicted possibilities resides between Artificial Intelligence and Machine Learning concepts, in other words its a barrier between reality and imaginary

mathematical expression is followed by

f(x,y)= cos(x)+ |sin(y)| -> Real + Imaginary,

=> f(z)=a+i*b where a, b are assumed as binary keys where x ,y are real and imaginary planes in two dimensional space

Expected Results

Its obvious that we are considering an assumption with certain restrictions to avoid misconceptions, so basically validation of Fuzzy weights a, b resides in real and imaginary planes and moreover Predicted thoughts(Imitation based)are defined with binary values '1','0' for instance.

if value is 1 then fuzzy values is   0 0 1

else value is 2 then fuzzy values is   0 1 0

else if value is 3 then fuzzy value is 1 0 0

- fuzzy values defines fuzzy weights based on neural schema
- fuzzy values or inputs are conceptual values based on hypothetical assumptions used to quantify fuzzy weights.

Conclusions

In the time domain, Logical thinking is based on Assumption of thought process as imaginary (captured within sinusoidal wave) and imitations (cosine) as real towards evolution of predicted one may be logical reasoning. To be noted that, cosine as delayed and sinusoidal as wave within time, therefore complexity of proposed approach is based on originality and assumed one.

Noted Facts

- Predicted thoughts based on imitation may result in answer or logical reason but no original one