ADAPTIVE TRAFFIC PREDICTION USING EVOLUTIONARY COMPUTING

25 Feb 2020 - MEET

Goal:

A detailed case study on estimating traffic volume to allocate network resources and to control congestion in order to decreases the ratio of packet loss and increasing the network throughput.

Problem domain:

- Optimization techniques
  - Swarm intelligence
  - Machine Learning
  - Evolutionary computing (Extension on Game theory)
- Queuing theory

Did so far

Went through lot of papers, research work,related books and learnt the basics and foundations which we need to carry over with this project.
Understood the need for machine learning

Resources:

1. https://wwww.easychair.org/publications/preprint_download/WshJ
2. https://www.hindawi.com/journals/js/2016/6168535/