**Handover Process Decision Making in Wireless Networks**

**Abstract**

The number of mobile phone users is increases everyday globally. How can we optimize the existing wireless communication system or which are the available mechanism that can supplement these system? Due to the mobile equipment user movement, handover becomes essential process in wireless network management. Therefore, a well-established handover decision making process is important. Can fuzzy inference system provide a solution to this issue? The following python code demonstrates how fuzzy inference system can be utilized in handover decision process. The decision attributes are the network bandwidth (mbps), packet delay (ms), received signal strength (dBm), and the mobile equipment velocity. The output of the system is the fuzzy handover decision.