


Machine learning for detecting parasitic operators in Radio Base Stations

Radio Base Stations (RBSs) are among the constitutive bricks of a mobile network, acting both as interfaces with end users and transmissive units. Each RBS belongs to a network operator, who in turn allows other operators to use the infrastructure as guests: a *sharing contract* regulates this deal.

The master's thesis will aim at using machine learning and data mining techniques to detect RBSs whose guests use more resources than allowed, acting as *parasitic operators*.

 **Detail of a RBS's antenna (image credits: wikiwand.com)**