

On Emitter-Location Problem
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This talk deals with semi-parametric estimation problems related to the geo-location method with the help of two satellites. In this geo-location method, unknown coordinates of an emitter located on the Earth surface are computed using differential time-of-arrival and differential Doppler shift of signals received from two geo-stationary satellites. The main goal in this talk is to provide a statistical analysis of problems arising in estimating these parameters.