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Table of Contents. Signal Modeling and Detection Performance. Unknown Amplitude. Unknown Arrival Time. Sinusoidal Detection. Classical Linear Model. Signal Processing Examples. Asymptotic Performance of the Energy Detector. Derivation of GLRT for Classical Linear Model.

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Baldi M, Chiaraluce F, Garello R, Polano M and Valentini M (2010) Simple statistical analysis of the impact of some nonidealities in downstream VDSL with linear precoding, EURASIP Journal on Advances in Signal Processing, 2010, (1-14), Online publication date: 1-Feb-2010.

### Fundamentals of Statistical Signal Processing, Volume III ...

Anne Ferréol , Pascal Larzabal , Mats Viberg, Statistical analysis of the MUSIC algorithm in the presence of modeling errors, taking into account the resolution probability, IEEE Transactions on Signal Processing, v.58 n.8, p.4156-4166, August 2010

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