eISBN: 978-1-60805-352-0

THE WHOLE STORY
BEHIND BLIND ADAPTIVE
EQUALIZERS/ BLIND
DECONVOLUTION

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Bentham Books

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eISBN: 978-1-60805-352-0

The Whole Story behind Blind Adaptive Equalizers Blind Deconvolution

www.benthamscience.com/ebooks/9781608053520

About the ebook

This e-book covers a variety of blind deconvolution/equalization methods based on both cost functions and Bayes rules where simulation results are supplied to support the theory – including Maximum Entropy density approximation technique and the Edgeworth Expansion approach used in various blind equalizers.

Contents

▶ System Description

▶ The Cost Function Approach

▶ The Bayesian Approach

▶ Advantages and Disadvantages of Each Approach

▶ Equalization Performance Analysis

▶ How Does The Equalizer's Parameters, Channel Characteristics or Input Signal Constellation Affect The Equalization Performance?

▶ Does TheChosen Equalizer Lead To Optimal Equalization Performance?

▶ The Convergence Time of A Blind Adaptive Equalizer