

Evaluation of wavelet threshold estimation methods for RF signal denoising

Ha Duc Lam

Abstract: This study focuses on evaluating and comparing Wavelet threshold estimation methods for denoising RF signals. The context of the topic is the high demand for signal quality in many practical applications, especially in radio wave transmission. The objective of this study is to identify and optimize a suitable Wavelet threshold estimation method to enhance the cleanliness of RF signals. Through a combination of theoretical research and experimental trials, the study aims to provide an effective denoising solution for RF signals. The expected results will be significant in improving the quality of information transmission and contributing to the development of signal processing technology.

Keywords: Wavelet, threshold estimation, RF signal denoising, radio wave transmission, signal processing