

Research on signal denoising methods using Wavelet thresholding

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Abstract: In practical contexts, removing noise from digital signals has become more important than ever. This topic focuses on researching and implementing signal denoising methods using Wavelet Thresholding to improve signal quality. The objective of the research is to build an efficient signal processing system based on the application of Wavelet Thresholding algorithms in both theoretical and experimental aspects. The expected results not only provide a reliable signal denoising solution but also contribute to the development of digital signal processing technology.

Keywords: Signal denoising, Wavelet Thresholding, digital signal processing