

Research on Wavelet Transform and its application in signal processing

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Abstract: This topic aims to study Wavelet transform, an important tool in the field of signal processing, to solve problems related to signal analysis and reconstruction. By combining both theoretical research and experimentation, we will build a signal processing system based on Wavelet transform, aiming to optimize signal quality in different environments. The expected result is to provide a new solution for the field of signal processing, contributing to the development of this technology.

Keywords: Wavelet Transform, Signal Processing, Theoretical Research, Experimentation, Optimization