

RESEARCH PAPERS

正交小波(包)的矩阵表达

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摘要 Matrix expression of finite orthogonal wavelet transform of finite impulse response signal is more valuable for theoretical analysis and understanding. However, clear deduction for matrix expression has not been provided yet. In this paper, the formulation to generate the related matrix is put forward and the theorem on the orthogonality of this matrix proved. This effort deploys a basis for more deeper and wider applications in chemical processes.

关键词 [finite orthogonal wavelet \(packets\) transform](#) [manix expression](#) [finite impulse response signal](#)

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Matrix Expression of the Orthogonal Wavelet (Packets) Transform

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Key words [finite orthogonal wavelet \(packets\) transform](#); [manix expression](#); [finite impulse response signal](#)

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