

Wavelet

LaTeX Gyakorló

Széchenyi István University, 9026 Győr, Egyetem tér 1.
xyz@abx.hu

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Kivonat

aaa

1. táblázat. asdfgh

| | | | |
|---|---|---|---|
| a | y | c | 1 |
| a | a | 6 | 3 |
| a | x | 7 | 2 |

1. Introduction

Wavelet trans. is a widely used mathematical method, [2]. As a first step a well chosen function ψ , i.e.,

$$[W_\psi f](a,b) = \frac{1}{\sqrt{|a|}} \int_{-\infty}^{\infty} \overline{\psi\left(\frac{x-b}{a}\right)} f(x) dx. \quad (1)$$

$$a = a \quad a \quad a \quad a \quad a \quad a \sin \cdot \cdot \cdot \cdot \cdot \cdot a \omega^3 t^2 x_\alpha r$$

$$\sum_{k=1}^N \pi_k = 22 \quad (2)$$

$$\oint_A B dA = \int \Phi dl$$

$$\bigcup_{p=0}^N A_p = \sqrt{\emptyset} \quad (3)$$

$\frac{1}{2} \sum_{k=1}^N \pi_k = 22$ Here b corresponds to the shift i.e., the position in time or space, and a to the compression, i.e. the frequency. At the normal wavelet transformation th where $a = 2^{-j}$ and $b = k2^{-j}$. Values k and j

$$\begin{matrix} a & b & c & d \\ d & a & d & d \\ s & k & w & e \end{matrix}$$

$$\left(\begin{matrix} a & c & g & r \\ a & c & g & r \\ a & c & g & r \\ a & c & g & r \end{matrix} \right)$$

1. ábra. Wavelet-transzformáció

2. EDoF

Ennek gyakorlati megvalósítására Forster, Van de Ville, Berent, Sage és Unser [4] dolgozta ki az

$$S_{n,m}^l(\Phi_j, \Phi_{j+1}) = \frac{Cov_{n,m}(W_A^{l-1}(\Phi_j), W_A^{l-1}(\Phi_{j+1}))}{\sqrt{Var_{n,m}(W_A^{l-1}(\Phi_j)) Var_{n,m}(W_A^{l-1}(\Phi_{j+1}))}} \quad (4)$$

$$e(x) = \frac{1}{N} \|x\|_1 = \frac{1}{N} \sum_{i=1}^N |x_i| \quad (5)$$

Hivatkozások

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