Panel 1 (Iteration 1)

Decomposition Levels: 1

Transform type: Convolution - MultiThread

Wavelet type: Daubechies

Wavelet Decomposition

Width: 768

Height: 768

Size: 720.0 KB

Time: 35.6577 s

Connection

Connection Status

Se efectueaza pasul dominant..

Communication Mode: TCP Sockets

Stop connection

Thresholding Iterations: 4

ZeroTree Encode and Send

Current Iteration: 1

Wavelet Coeffs. Size: 720.0 Kb

Encoding Time: 4.659643731 s

Number of Significant Values: 12

Significance Map Size: 36.01 Kb

Reconstruction Values Size: 0.01 Kb

Wavelet Coeffs. Size after ZT Encoding: 36.02 Kb

Saved bits after ZT Encoding: 683.98 Kb

Compression (to Initial Wavelet Coeffs.): 19.99

Compression (to Original Image.): 15.99

Recomposition

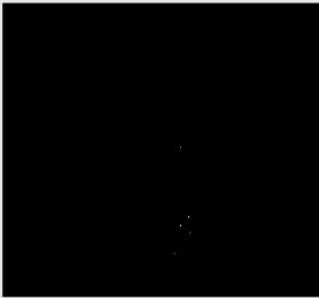Current Iteration: 1

Wavelet Recomposition

Image Recomposition

Panel 2 (Iteration 2)

Decomposition Levels: 1

Transform type: Convolution - MultiThread

Wavelet type: Daubechies

Wavelet Decomposition

Width: 768

Height: 768

Size: 720.0 KB

Time: 35.6577 s

Connection

Connection Status

Se efectueaza pasul dominant..

Communication Mode: TCP Sockets

Stop connection

Thresholding Iterations: 4

ZeroTree Encode and Send

Current Iteration: 2

Wavelet Coeffs. Size: 720.0 Kb

Encoding Time: 11.847582904 s

Number of Significant Values: 72507

Significance Map Size: 89.11 Kb

Reconstruction Values Size: 88.51 Kb

Wavelet Coeffs. Size after ZT Encoding: 177.62 Kb

Saved bits after ZT Encoding: 542.38 Kb

Compression (to Initial Wavelet Coeffs.): 4.05

Compression (to Original Image.): 3.24

Recomposition

Current Iteration: 2

Wavelet Recomposition

Image Recomposition

Panel 3 (Iteration 3)

Decomposition Levels: 1

Transform type: Convolution - MultiThread

Wavelet type: Daubechies

Wavelet Decomposition

Width: 768

Height: 768

Size: 720.0 KB

Time: 35.6577 s

Connection

Connection Status

Se efectueaza pasul dominant..

Communication Mode: TCP Sockets

Stop connection

Thresholding Iterations: 4

ZeroTree Encode and Send

Current Iteration: 3

Wavelet Coeffs. Size: 720.0 Kb

Encoding Time: 17.46955094 s

Number of Significant Values: 125500

Significance Map Size: 127.75 Kb

Reconstruction Values Size: 153.2 Kb

Wavelet Coeffs. Size after ZT Encoding: 280.95 Kb

Saved bits after ZT Encoding: 439.05 Kb

Compression (to Initial Wavelet Coeffs.): 2.56

Compression (to Original Image.): 2.05

Recomposition

Current Iteration: 3

Wavelet Recomposition

Image Recomposition

Decomposition Levels 1

Transform type Convolution - MultiThread

Wavelet type Daubechies

Wavelet Decomposition

Width
768

Height
768

Size
720.0 KB

Time
35.6577 s

Connection Status

Algoritm finalizat cu succes!

Communication Mode TCP Sockets

Stop connection

Thresholding Iterations 4

ZeroTree Encode and Send

Current Iteration 4

Wavelet Coeffs. Size 720.0 Kb

Encoding Time 24.756605759 s

Number of Significant Values 145319

Significance Map Size 138.91 Kb

Reconstruction Values Size 177.39 Kb

Wavelet Coeffs. Size after ZT Encoding 316.3 Kb

Saved bits after ZT Encoding 403.7 Kb

Compression (to Initial Wavelet Coeffs.) 2.28

Compression (to Original Image.) 1.82

Recomposition

Current Iteration 4

Wavelet Recomposition

Image Recomposition