CORRECTION

Correction to: Efficient Architecture for Block Parallel Convolution Using Two-Dimensional Polyphase Decomposition

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In the section '3 Scalable Recursive Convolution (SRC)', the sentence beginning 'The input matrix is a column matrix with 2m − 1..', the term '$[\mathbf{W_{m,n-m+1}}, ..., \mathbf{W_{m,n-1}}, \mathbf{W_{m,n}}, \mathbf{W_{m,n+1}}, ..., \mathbf{W_{m,n+m-1}}]$' should have read '$[W_{m,n-m+1}...W_{m,n-1}\ W_{m,n}\ W_{m,n+1}...W_{m,n+m-1}]$' and the term '$[\mathbf{F_{m,n}}, \mathbf{F_{m,n+1}}, ..., \mathbf{F_{m,n+m-1}}]$' should have read '$[F_{m,n}\ F_{m,n+1}...F_{m,n+m-1}]$'. In the sentence beginning '$\mathbf{G_{mS}}$ is a pre-computed matrix that can be further... .', the term '$[G_{m-1}, G_{m-2}, ..., G_1, G_0]^T$' should have read '$[G_{m-1}\ G_{m-2}...\ G_1\ G_0]^T$'

In the section '4.1 Mathematical Formulation', the sentence beginning 'Figure 2b represents an OSB for 2 × 2 BPC... ', the term 'Yuv' should have read 'Y_{uv}'. In the sentence beginning 'The resulting 2D BPC... .', the term '$\mathbf{X_{m \times m}S}$' should have read '$\mathbf{X_{m \times mS}}$ and the term '$\mathbf{P_{m \times m}S}, \mathbf{Q_{m \times m}S}$' should have read '$\mathbf{P_{m \times mS}}, \mathbf{Q_{m \times mS}}$'.

In the section, '4.2 BPSRC Architecture', the sentence 'The throughput of DFA for BPSRC filter is m samples per clk.' should have read 'The throughput of DFA for $m \times m$ BPSRC filter is m samples per clock.'

The original article has been corrected.

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