

# Correspondence

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## Corrections to "Oversampled Wilson Expansions"

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In the above paper,<sup>1</sup> the definition of the Wilson synthesis set in

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<sup>1</sup>H. Bölcskei, K. Gröchenig, F. Hlawatsch, and H. G. Feichtinger, *IEEE Signal Processing Lett.*, vol. 4, pp. 106–108, Apr. 1997.

(5) was typeset incorrectly. The correct definition reads as follows:

$$\psi_{l,m}(t) = \begin{cases} g_{2l,0}(t) & l \in \mathbf{Z}, m = 0 \\ \frac{1}{\sqrt{2}}[g_{l,m}(t) + g_{l,-m}(t)] & = \sqrt{2}g_{l,0}(t) \cos(2\pi m Ft) \\ & m + l \text{ even}, l \in \mathbf{Z}, m = 1, 2, \dots \\ \frac{-j}{\sqrt{2}}[g_{l,m}(t) - g_{l,-m}(t)] & = \sqrt{2}g_{l,0}(t) \sin(2\pi m Ft) \\ & m + l \text{ odd}, l \in \mathbf{Z}, m = 1, 2, \dots \end{cases}$$

Another error occurred in the double inequality in item 1) of Theorem 2, which should read as follows:

$$\frac{A}{2} \|x\|^2 \leq \sum_{l=-\infty}^{\infty} \sum_{m=0}^{\infty} |\langle x, \psi_{l,m} \rangle|^2 \leq \frac{B}{2} \|x\|^2.$$