Corrigendum to "Bases of translates and multiresolution analyses" [Appl. Comput. Harmon. Anal. 24 (2008) 41–57]

The author would like to make the following corrections to his published article.

Page	*Line*	*Where it says*	*Should say*
42	8	$\widehat{f}(\mathbf{x}) := \int_{\mathbb{R}^d} e^{-i2\pi \mathbf{t}\cdot\mathbf{x}} f(\mathbf{t})\, d\mathbf{t}$	$\widehat{f}(\mathbf{x}) := \int_{\mathbb{R}^d} e^{-i2\pi \mathbf{x}\cdot\mathbf{t}} f(\mathbf{t})\, d\mathbf{t}$
43	2	$\widehat{\psi}(2x) = e^{i2\pi x}\mu(2x)\overline{p(2\pi x + 1/2)}\widehat{\varphi}(x)$	$\widehat{\psi}(2x) = e^{i2\pi x}\mu(2x)\overline{p(x + 1/2)}\widehat{\varphi}(x)$
43	17, 18	called *Riesz sequence*	called a *Riesz sequence*
44	–9	$L^2(\mathbb{R}^d$	$L^2(\mathbb{R}^d)$
45	–17	It follows that	It follows from [25, Theorem 2.3.6] that
46	4	$D_1^{\mathbf{A}} =$	$D_1^{\mathbf{A}}(\mathbf{t}) =$
47	14	$[1, n] \times \mathbf{J}$	$I(n) \times \mathbf{J}$
47	–21, –20	$\mathbf{k}$ is uniquely determined by $\mathbf{j}$ and $\mathbf{r}$	$\mathbf{k}$ uniquely determines $\mathbf{j}$ and $\mathbf{r}$
47	–13	Theorem 3 yields	Theorem 1(c) and Theorem 3 yield
49	19	$T(u)$	$S(u)$
50	12	Note that	Note that, except for a special case
51	–11	$V_j = \bigcup_{r<j} S(\mathbf{A}^r; \boldsymbol{\psi})$	$V_j = \sum_{r<j} S(\mathbf{A}^r; \boldsymbol{\psi})$
53	15	*orthonormal basis*	*orthonormal basis generator*
53	–6	$\mathbf{V}(\mathbf{x})$	$\widehat{\mathbf{v}}(\mathbf{x})$
54	4	$\mathbf{V}_\ell(\mathbf{x}) := (v_{\ell,1}(\mathbf{x}), \cdots, v_{\ell,\lvert a\rvert}(\mathbf{x}))^T$	$\widehat{\mathbf{v}}_\ell(\mathbf{x}) := (\widehat{v}_{\ell,1}(\mathbf{x}), \cdots, \widehat{v}_{\ell,\lvert a\rvert}(\mathbf{x}))^T$
54	6	$\mathbf{V}_\ell(\mathbf{x})$	$\widehat{\mathbf{v}}_\ell(\mathbf{x})$
54	–21	$\{\mu_1, \cdots, \mu_n\}$	$\{\mu_1, \cdots, \mu_m\}$
54	–13	$\{\mu_1, \cdots, \mu_n\}$	$\{\mu_1, \cdots, \mu_m\}$

On page 49 line 1 and line –20, the expression "$\boldsymbol{\psi} = \{\psi_1, \cdots, \psi_r\}$" is redundant and should be deleted.
On page 53 line –14, where it says
$\mathbf{V}(\mathbf{x}) := (v_{1,1}(\mathbf{x}), \cdots, v_{1,\lvert a\rvert}(\mathbf{x}), \cdots, v_{n,1}(\mathbf{x}), \cdots, v_{n,\lvert a\rvert}(\mathbf{x}))^T$
should say
$\widehat{\mathbf{v}}(\mathbf{x}) := (\widehat{v}_{1,1}(\mathbf{x}), \cdots, \widehat{v}_{1,\lvert a\rvert}(\mathbf{x}), \cdots, \widehat{v}_{n,1}(\mathbf{x}), \cdots, \widehat{v}_{n,\lvert a\rvert}(\mathbf{x}))^T$