

Correction to the paper " H^2 spaces of generalized half-planes"
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It has been pointed out to us by M. Vergne that the definition of B on p. 382 requires modification, since as it is defined there, it is not necessarily real-valued on $\mathbf{R}^{n_2} \times \mathbf{R}^{n_2}$.

One may proceed as follows. For fixed $\lambda \in \Omega^*$, let U_λ be a unitary matrix diagonalizing the Hermitian form $(z_2, w_2) \mapsto \langle \lambda, \Phi(z_2, w_2) \rangle$ on \mathbf{C}^{n_2} . It is easy to see that U_λ can be chosen so as to depend measurably on λ .

Let $E_\lambda = U_\lambda^{-1}(\mathbf{R}^{n_2})$; this is a real form of \mathbf{C}^{n_2} . In the definition of B_λ and throughout Section 4 let \bar{w}_2 (resp. \bar{z}_2) denote the complex conjugate of w_2 (resp. z_2) with respect to E_λ .

In the proof of Theorem 4.1, whenever we write $z_2 = x_2 + iy_2$, it should be replaced by $z_2 = x_2^{(\lambda)} + iy_2^{(\lambda)}$, with $x_2^{(\lambda)}, y_2^{(\lambda)} \in E_\lambda$. Integration on \mathbf{R}^{n_2} should everywhere be replaced by integration on E_λ ; in particular α should always be a point in E_λ . With these modifications the proof remains valid.

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