Corrigendum to: Frank a Campo, Relations between Powers of Dedekind Numbers and Exponential Sums Related to Them, JIS Vol. 21 (2018), Article 18.4.4

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The conditions of Lemma 8(a) must read (corrections in **bold**):

Let P_1, P_2, and Q be non-empty finite or infinite posets, X_1 the carrier of P_1, X_2 the carrier of P_2.
(a) Let $\phi : P_1 \to P_2$ be a bijective homomorphism. Then

$$\Phi : \mathcal{H}(P_2, Q) \to \mathcal{H}(P_1, Q),$$
$$\xi \mapsto \xi \circ \phi$$

is a one-to-one homomorphism. If Q is not an antichain, then Φ is onto (and an isomorphism) iff ϕ is an isomorphism. **For $\mathbf{Q \simeq A_1}$, $\mathbf{\Phi}$ is onto. If $\mathbf{Q \not\simeq A_1}$** *is an antichain, then Φ is onto iff the induced mapping*

$$\phi' : \{\gamma_{P_1}(x) \mid x \in X_1\} \to \{\gamma_{P_2}(z) \mid z \in X_2\}$$
$$\gamma_{P_1}(x) \mapsto \gamma_{P_2}(\phi(x))$$

is one-to-one.