

ERRATA: ON A θ -WEYL SUM

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The formula (2) on p. 166 should be read as

$$X_{k+2} = (\alpha_0 \cdots \alpha_{k+1})^{-1} X_0 + (-1)^{k+1} \alpha_0^{-1} \gamma_0 A_k \\ + (-1)^{k+1} \frac{1}{2} (-A_k + B_k) + (-1)^k E_k + \frac{1}{2}.$$

As a comment to this, we can also express it as

$$X_{k+2} = (\alpha_0 \cdots \alpha_{k+1})^{-1} X_0 + (-1)^{k+1} \alpha_0^{-1} \gamma_0 A_k + (-1)^k \frac{1}{2} E_k.$$

Correspondingly, the condition (2) on p. 171 should be read as

$$\begin{aligned} |\{\beta_0 A_k\} - \frac{1}{2}| \geq \psi(k)^{-1} & \quad \text{if } A_k + B_k \text{ is even with } k \geq 0, \\ \min(\{\beta_0 A_k\}, 1 - \{\beta_0 A_k\}) \geq \psi(k)^{-1} & \quad \text{if } A_k + B_k \text{ is odd with } k \geq -1. \end{aligned}$$

In the last sentence of 2°, “Lemma 7” should be read as “Lemma 10”.

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