Corrections in *Period functions for Maass wave forms and cohomology*

December 2017

- p. 2, in Table 1.1, item 4: hyperbolic distance d
- p. 16, line 3: $0 < \phi < \pi$
- p. 42, proof of Proposition 8.2: replace $y_0 + x$ by $iy_0 + x$ in the first displayed equations
- p. 44, line 2 in proof of Prop. 91: $\cdots \in \mathcal{V}_s^{\omega}[0,\infty]^{\Delta}$.
- p. 56, line 4: $\cdots$ we start with $f \in \mathcal{W}_s^{\omega^*,\mathrm{exc}} \cdots$
- p. 77, proof of Lemma 12.6. In the first display an additional term should be added at the end:

$$+\, c(V_\kappa) \cdot \Big(1 - \sum_{n\in\mathbb{Z}} \chi_\kappa |\pi_\kappa^{-n}\Big).$$

  In the next line the equality $\mathrm{Av}_\Gamma(\hat{c}(V_\kappa)) = \mathrm{Av}_\Gamma(c(\mathfrak{F}))$ is valid for $z \in \mathring{V}_\kappa^{a+\varepsilon}$.
- The linear map in (19.7) on p. 119 is not well-defined in the generality stated there. We need the condition that $W^\pi = \{0\}$ for all parabolic elements $\pi \in \Gamma$.
- References to sections in [4] should be shifted by 1:

  p. 4, Theorem 1.1. See Theorem 3.1 in [4]

  p. 5, Projective model. In §2.1, [4]

  p. 9, §2.2. For more details see §3.3 in [4]

  p. 9, below (2.29). See (3.25) and (3.32 in [4]

  p. 9, (2.30a). $\cdots = y^{1-s} \cdots$

  p. 10, above Theorem 2.2. Theorem 4.2 in [4]

  p. 11, above §3.1. in §5 and §7 of [4]

  p. 11, decomposition. Proposition 5.3 in [4]

  p. 12, §3.2. In §5.2 of [4]

  p. 12, below (3.4). Theorem 5.7 in [4]

  p. 13, below (3.5). Theorem 5.6 in [4]

  p. 13, below (3.6). equation (5.19) in [4]

  p. 13, below (3.8). Proposition 5.8 in [4]

  p. 14, Boundary jets. In §5.4 of [4]

  p. 14, below (3.10). In [4], Lemma 5.10

  p. 14, above Theorem 3.3. In Theorem 5.11 of [4]

  p. 53, below Definition 9.19. Theorem 5.7 in [4]

  p. 102, above Proposition 16.10. Lemma 5.4 in [4]

  p. 116, above (18.3) and above Proposition 18.2. Propositions 3.6 and 3.7 in [4]